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FOR OFFICIAL USE.

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1925

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valentia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

Published by the authority of the

METEOROLOGICAL COMMITTEE

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PREFACE.

Up to the end of 1921, the serial statistical publications of the Meteorological Office were grouped together as though they were parts of one comprehensive book. This book, which was entitled "The British Meteorological and Magnetic Year Book," consisted of :—

Part I	.. ..	The Weekly Weather Report.
Part II	.. ..	The Monthly Weather Report.
Part III, Section I	.. ..	Daily Readings at Meteorological stations of the First and Second Orders.
Section II	.. ..	Geophysical Journal, Daily Values of Meteorological and Geophysical Elements.
Part IV, Section I	.. ..	Hourly Values from Autographic Records. Meteorological Section.
Section II	.. ..	Hourly Values from Autographic Records. Geophysical Section.
Part V	.. ..	Réseau Mondial.

The data for the year 1922 and subsequent years are found in the following publications :—

New Publication from 1922.		Corresponding parts of the British Meteorological and Magnetic Year Book until the end of 1921.
The Weekly Weather Report	.. ..	Part I.
The Monthly Weather Report	.. ..	Part II.
The Observatories' Year Book	.. ..	Part III, Section II. Part IV, Section I.* Part IV, Section II.
The Réseau Mondial	.. .. ..	Part V.

It will be noticed that Part III, Section I, of the old publication is not included in the new issues. This part contained "Daily Readings at Meteorological Stations of the First and Second Orders," and it has been decided that as the new Observatories' Year Book will contain daily values of the meteorological elements for the principal first order stations and the Daily Weather Report contains daily values for about 40 other stations, it is not necessary to revive the issue of this section, which ceased with the data for 1921.

The present volume is the fourth issue of the Observatories' Year Book. It contains meteorological and geophysical data for Lerwick, Aberdeen, Eskdalemuir, Valentia and Kew, and in addition an aerological section giving the results of soundings of the upper atmosphere by means of registering balloons.

For this year the table of mean annual values of magnetic data for observatories of the globe has been prepared at the Royal Observatory, Greenwich, under the direction of the Astronomer-Royal, and it has been transferred from the Kew Section to the Eskdalemuir Section. These changes were made in connexion with the discontinuance of magnetic work at Kew Observatory which took place at the end of 1924.

The circumstances which gave rise to this event are set out on page 288.

* Part IV., Section I.—Hourly Values from Autographic Records, Meteorological Section, was discontinued after the data for 1913 had been published, and it is not proposed to continue it to the end of 1921 as is the case with the other sections.

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LIST OF OBSERVATORIES.

	Latitude.	Longitude	G.M.T. of Local Mean Noon.	Height above M.S.L. in metres.
	° ′	° ′	h m	
Lerwick	60 8 N.	1 11 W.	12 5	81·7
Aberdeen	57 10 N.	2 6 W.	12 8	*13·4
Eskdalemuir, Dumfries-shire	55 19 N.	3 12 W.	12 13	242·0
Valentia Observatory, Cahirciveen, Co. Kerry.	51 56 N.	10 15 W.	12 41	9·1
Kew Observatory, Richmond, Surrey ..	51 28 N.	0 19 W.	12 1	5·5

Note.—The height given is that of the site of the rain-gauge. The heights of other meteorological instruments are shown under the appropriate Tables.

* Redetermination, *see* p. 35.

NORMAL VALUES AND MONTHLY SUMMARIES.

Monthly and annual normals of pressure, dry bulb temperature, relative humidity, wind speed and rainfall for each hour of the day and for the period of 45 years, 1871–1915, are published for the observatories Aberdeen, Cahirciveen, Richmond and Falmouth in *Hourly Values from Autographic Records*, 1917 (Part IV. of the British Meteorological and Magnetic Year Book, 1917), and in previous volumes of that series. Corresponding normals of sunshine are also published there for the same observatories and for the period of 35 years, 1881–1915.

For Eskdalemuir the same publication gives hourly averages for the months and for the year, referred to the period 1911–1915.

Monthly Summaries giving additional mean values and frequencies of occurrence of various phenomena will be found for all the observatories in *The Monthly Weather Report* and its Annual Summary. The latter also contains special summaries of the tabulations of the anemographs.

GENERAL INTRODUCTION TO THE METEOROLOGICAL TABLES.

The elements dealt with in the following meteorological tables for the Observatories at Aberdeen, Eskdalemuir, Cahirciveen and Richmond are :—barometric pressure, air temperature, humidity, rainfall, sunshine, wind speed and direction, minimum night temperature on the grass, cloud and weather, and in some cases temperature in the ground, solar radiation and level of underground water.

The positions of the Observatories and the heights of the sites are given on p. 8.

Notes on the Instruments and Tabulation of the Records.

A detailed description of the barograph, thermograph, cup anemograph and Beckley raingauge used for obtaining the records of pressure, temperature, humidity, wind speed and direction,* and rainfall is given in the *Reports* of the Meteorological Office for the years 1867 and 1869; for a description of other instruments in use reference may be made to the *Meteorological Observer's Handbook* and to the article on Meteorological Instruments in the *Dictionary of Applied Physics*, Vol. III. The following notes are supplementary and are given partly for reference and partly as containing information necessary for the interpretation of the tables.

Barometer.—The record of barometric pressure is obtained photographically from a mercurial barometer.

A beam of light is passed through the space between the surface of the column of mercury and the top of the tube, and, after passing through a diaphragm which reduces the width of the beam of light to a very narrow sharp line, is focussed upon a sheet of sensitised paper (ordinary " bromide " paper is employed) carried upon a cylinder which is rotated by clockwork and makes one revolution about its vertical axis in rather more than 48 hours.

The *barogram* is therefore a continuous photograph of this narrow vertical line, and appears as a horizontal ribbon, the depth of which is constantly varying with the rise or fall of the mercury in the tube of the barometer.

The expansion of a zinc rod is utilised to compensate for the effect of temperature upon the height of the barometric column ; the arrangement produces mechanically a lengthening of the beam of light at its upper end as it becomes shortened at its lower extremity by the expansion of the mercury in the tube. A time-scale is recorded upon the barogram by means of a shutter actuated by the clock. This shutter cuts off the light for the space of four minutes every two hours, thus producing interruptions which appear as narrow white spaces on the record corresponding with known points of time. Until 1918 these time-breaks occurred at the even hours, 2h, 4h, 6h, etc., but it was found that when the edge of the record was not critically sharp owing to various causes, a systematic error was introduced when measuring the records, whereby the values at the even hours were slightly in excess of those at the odd hours where no time-break existed. From 1918 onwards the clock was so arranged that the time-breaks should occur half an hour before the even hours ; by this means both even and odd hour-values are measured at points on the trace which are unaffected by any systematic difference.

Control readings of a standard barometer are taken three times a day by different observers. The control readings are first corrected for index error, temperature and gravity, and then compared with the corresponding readings of the barogram. The differences between the control readings and the corresponding tabulated values are then found and correction derived therefrom is applied to all the tabulated values. This correction, known as the " residual correction," is so applied as to run smoothly throughout the whole length of each record—a period of 48 hours—and alterations in the amount of the correction occur, where necessary, in steps not exceeding 0·1 millibar.†

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* At Eskdalemuir wind speed and direction are recorded by a Dines tube anemograph (see p. 96).

† At Valentia and Kew Observatories the rule is to apply the same correction for the whole chart.

The scale value ot the barograms is found from a comparison of a series of such standard and curve readings. The indications of a curve are converted into numerical values by measuring the ordinates with a tabulating instrument, graduated according to the ascertained scale value.

Thermometers.—The air temperature data at each Observatory are derived from records obtained photographically from two mercurial thermometers. One thermometer is used as a dry-bulb and the other as a wet-bulb thermometer.

Each thermometer has a large cylindrical bulb four inches long and a very long stem. The latter is bent twice at right angles to enable the bulb to be exposed outside the building in a louvred screen attached to the north wall of the Observatory.* The column of mercury in the vertical portion of the stem inside the building is broken at a convenient point by a small air space which moves up or down the stem with rise or fall of temperature. The record is obtained by passing a reflected beam of light through the air space and photographing its image upon a moving sheet of "bromide" paper in the same manner as described in the case of the barometer. A base line is traced on the paper by a pencil of light passing through a small aperture in the brass frame carrying the recording thermometer. The time-scale is automatically recorded upon the curves, a time-break occurring half an hour before each even hour.

Two large standard thermometers with very open scales graduated in degrees absolute and having bulbs similar to those of the thermograph are mounted in the screen side by side and close to the thermograph bulbs. One of the thermometers is arranged as a dry-bulb, the other as a wet-bulb. Control readings of these thermometers are made three times a day for comparison with the corresponding readings obtained from the thermograms.

The scale value of the curves is found by a comparison of the readings of the standard thermometers, corrected for any errors they may have, with the corresponding measurements of the curves. The curves are measured by means of a plate of glass ruled with lines corresponding with the ascertained scale-value of the record, both for degrees and for time. The scale is graduated so as to read degrees vertically and hours horizontally.

Two alternative methods of reading the curves have been adopted.

(a) At Kew and Valentia observatories the scale is set by the base-line and after hourly readings have been obtained for the whole record comparisons are made with the control readings. The residual correction so determined (normally the same for the whole record of 48 hours) is applied to the tabulations.

(b) At Aberdeen and Eskdalemuir observatories, the practice is to adjust the glass scale so that the readings at the control hours on the trace are made to show general agreement with the corresponding eye-readings of the standard thermometers. The temperature equivalent of any part of the curve can then be read off. The base-line photographed on the record serves as a useful check.

Rainfall.—This element is recorded by a Beckley self-registering raingauge, in which the rain as it falls is collected in a receiver supported on a float in a vessel of mercury. As the rain passes into the receiver, the float gradually sinks, carrying with it a pen which records its position upon a paper stretched upon a clock-driven cylinder. The displacement of the mercury by the float is arranged so as to give a uniform scale throughout. When five millimetres (two-tenths of an inch) of rain have entered the receiver a siphon comes into action, and, by discharging its contents, causes the float to rise till the pen is brought back to the zero line, from which the record begins again.

* At Eskdalemuir the screen stands in the open (see p. 95).

The collecting funnel of the Beckley raingauge has an area of approximately 100 square inches. Each gauge stands on level ground and its distance from every other object is greater than twice the height of the object. A check gauge with funnel 8 inches in diameter is installed near by.

The records obtained from the Beckley self-registering raingauge are subjected to a proportional correction whereby they are brought into agreement with the amount of rainfall as recorded by the check raingauge read twice daily.

Sunshine.—The record of sunshine is obtained from a Campbell-Stokes recorder, in which instrument the sun's rays are focussed through a 4-inch spherical lens of crown glass upon a strip of blue card, which is scorched, or burned right through, according to the intensity of the sun's rays. Three different patterns of card are used at different seasons of the year. The cards are exposed in a metal bowl, and the focussed image of the sun leaves its mark behind it as it travels along the surface of the card with the apparent motion of the sun through the heavens. The intensity of the burn is not measured, but the record is regarded as that of "bright" sunshine whenever the card has been distinctly scorched. When measuring the duration of sunshine which is represented by intermittent burns, an allowance is made for the extension of the trace by the charring of the card.

Wind Speed and Direction.—Except at Eskdalemuir, the records of these elements are obtained by means of a Robinson cup-anemograph, with which a Beckley windmill-vane has been combined for giving the record of direction.

Speed.—The diameter of the cups for obtaining the speed of the wind is 9 inches (0·23 m.) and the length of the arms upon which they are carried is 2 feet (0·6 m.) so that the horizontal travel of a cup-centre when 7,000 revolutions of the cups have been made is, in round numbers, 88,000 feet (26,800 m.).

The revolutions of the cups are reduced by a suitable gearing of wheels so that this number of turns shall produce one complete turn of a spiral pencil, which makes a mark upon a sheet of metallic paper carried upon a clock-driven cylinder; the pencil is so arranged that when the trace reaches one extreme of the scale it recommences at the other.

Dr. Robinson concluded, as the result of a series of experiments made by him, that the rate of movement of the cup-centres was one-third of the horizontal movement of the wind current by which the cups were turned; and as the instruments were constructed in accordance with this conclusion, the 7,000 turns of the cups mentioned above were regarded as indicating the passage of 50 miles (80·4 km.) of wind.

Subsequent investigations* into the relation between the speed of the wind and the rate of movement of the cups have led to the conclusion that Dr. Robinson's factor, 3, is too large for anemometers of the dimensions indicated above, and that the correct mean value of the factor is 2·2. The larger factor 3 was employed in deducing the wind velocities published in the preceding volumes of this series up to that for 1904; the factor 2·2 was substituted for it from the beginning of the year 1905.

If it is desired to compare the wind speeds given in the volumes previous to 1905 with those of the present year it will be necessary to reduce the former by four-fifteenths, and convert into metres per second, which may readily be done by means of a suitable conversion table. (See *Computer's Handbook.* Introduction p. 54.) If the degree of accuracy required does not exceed 2 per cent., the tabulated values in miles per hour (factor 3) may be converted into metres per second (factor 2·2) simply by dividing by 3.

The values of the hourly wind speed are means for periods of 60 minutes centred at the hours named. They have been given as recorded, no correction having been made for the effect of friction, which is of no importance except in the case of light winds, when it is doubtless different in the case of each instrument.

* A summary of them is given by F. J. W. Whipple in "Notes on the Robinson Cup Anemometer," London, Advis. Committee Aeronautics, Report No. 669.

Direction.—The direction of the wind is recorded by a pencil similar to that which records the speed. Each printed value represents the general direction* for the 60 minutes centred at the hour named, as estimated from the anemogram.

Owing to the weight of some of its moving parts, the windmill-vane is undoubtedly sluggish in light airs, its records under these conditions being untrustworthy. All wind directions have, therefore, been omitted from the tables when the velocity was 1·5 metres per second or less.

Tube Anemograph.—At Eskdalemuir the speed and direction of the wind are obtained from a Dines Tube Anemograph, while at each of the observatories information regarding the highest instantaneous wind speed and the frequencies of winds of varying speeds is also obtained from instruments of this type.

The vane-head of the tube anemograph consists essentially of (*a*) a horizontal tube mounted in the vane and open at the end which faces the wind, and (*b*) a vertical annular tube, forming part of the vane support, connected to the outside air by means of small circular holes drilled symmetrically in rows around the outer wall of the tube. An increase of pressure is produced in the horizontal tube of the vane, while the wind blowing across the rows of circular holes in the annular tube gives rise therein to a diminution in pressure, the " suction " effect. In the recorder a float of sheet copper, in the shape of an inverted bell, placed in water contained in a cylindrical tank, is capable of upward and downward movement under the influence of the pressure and suction effects, which are communicated from the vane-head by suitable piping to the space inside and the space above the float respectively. The geometrical form of the internal surface of the float is such that displacement of the float from its zero position is proportional to the speed of the wind. To the float is attached a vertical spindle which projects upwards through the lid of the cylindrical tank and carries a suitable pen at its upper extremity. This pen records the movements of the float, and therefore the variations in wind speed, on a ruled chart carried by a drum which rotates once in 24 hours.

Minimum Night Temperature on the Grass.—For determining this temperature a minimum thermometer exposed freely over the surface of the grass is used. The thermometer is enclosed in an outer glass jacket which surrounds its stem, but leaves the spirit bulb freely exposed to the air. The thermometer is supported on two small Y-shaped pieces of wood so that it lies horizontally, with its bulb about one or two inches above the ground which is covered with short grass. When snow has fallen the thermometer is supported so as to lie just above the surface of the fallen snow, but not touching it.

The thermometer is laid out at 18h each day, having been kept in an upright position, bulb downwards, inside the Stevenson Screen during the daytime so that any spirit that may have condensed in the upper part of the stem may be able to run down and join the main spirit column.

Notes on the Tables.

General.—Interpolated values are printed within brackets, ( ). Maximum and minimum values are printed in heavy type.

Standard of Time.—The observations are referred to *Greenwich Mean Time* except as regards sunshine, for which element *local apparent time* is used.

Units.—In accordance with the practice introduced in 1911, as a consequence of certain resolutions of the Gassiot Committee of the Royal Society, the values in the tables are expressed throughout in units based upon the C.G.S. System: tables for conversion to other units are given in the *British Meteorological and Magnetic Year Book* (*Part IV*) for 1913 and are also to be found in the *Computer's Handbook.*

*Formerly it was the practice to take the direction at the exact hour. The present rule was adopted as from 1st May, 1915 (see also Introduction to *Hourly Values from Autographic Records*, 1913, p. xv.).

Daily Mean Values.—The daily means of pressure, temperature, relative humidity and wind speed are obtained by adding half the sum of the values for the initial and final midnights to the sum of the 23 intermediate hourly values and dividing by 24.

In the preparation of the tables of diurnal inequalities for individual months and for the year, it is assumed that the difference of value between the means for the initial and final midnights, which may be termed, so far as the hourly variations are concerned, the non-cyclic variation, is equally distributed over the whole 24-hour period. Thus, in a table of diurnal inequalities the entry d_n for the hour n is given by

$$d_n = x_n - \bar{x} - (n - 12)\ (x_{24} - x_0)/24.$$

x_n being the value of the element at hour n and $\bar{x}$ the mean for 24 hours.

Atmospheric Pressure.—All pressures recorded in this volume are expressed in *millibars*, one millibar being equal to 1000 dynes per square centimetre. The following are the values of physical constants used in evaluating the data :—

Density of Mercury = 13·5955 grams per cc. at 0°C.

Intensity of Gravity at Sea Level (Lat. 45°) = 980·617 centimetres per second per second.

1 inch = 25·4000 millimetres.

Hence 1000 millibars corresponds with a reading of 750·076 millimetres, on a mercury barometer at temperature 0°C. in Lat. 45°, or 29·5306 inches under standard conditions of temperature (mercury at freezing point, scale at 62° F.) in Lat. 45°.

As a millibar is a pressure, it can only be obtained from the reading of a barometer after the latter has been suitably corrected for

(*a*) index error,
(*b*) temperature,
(*c*) gravity.

All these corrections have therefore been applied to the barometer readings in obtaining the pressure values published in this volume. The corrections for temperature and gravity have been obtained from tables consistent with the *International Meteorological Tables*. (Gauthier-Villars, Paris, 1890.).

Unless otherwise stated all pressure values refer to the level of the observatory as given in the headings of the tables. The reduction to Mean Sea Level, if made, has been calculated from tables prepared for each observatory from the formulæ of the *International Meteorological Tables.*

The tables contain values of pressure at exact hours obtained from the photographic barograms in the manner described on p. 9 ; also daily, monthly and annual means of hourly values, together with the monthly and annual means of diurnal inequalities. Monthly and annual means of the hourly values after reduction to mean sea level are also given.

There is also a table showing the daily extremes of pressure, i.e. the maximum and minimum values recorded during each day.

Temperature.—The scale on which temperatures are recorded is such that the freezing point of water under atmospheric pressure is 273 a. precisely. Other temperatures differ by 273·0 from readings on the Centigrade scale.

The scale approximates to the absolute scale defined by Lord Kelvin, on which the temperature of the freezing point is 273·1 to the nearest tenth of a degree.* Accordingly, to convert temperatures published in this volume to the Kelvin scale, a correction + 0·1 is to be added to each reading.

As an alternative to the application of this correction modified values may be used for the constants which enter certain formulæ. For example :—At temperature t on the scale adopted in the Year Book, the radiation according to Stefan's Law† is

$$5{\cdot}709 \times 10^{-5}\,(t+0{\cdot}1)^4 \text{ erg./(cm.}^2 \text{ sec. deg.}^4) ; \text{ or } 5{\cdot}717 \times 10^{-5}\, t^4 \text{ erg./(cm.}^2 \text{ sec. deg.}^4)$$

In using the modified formulæ we are virtually adopting a scale of temperature with the degrees greater than those of the Centigrade scale, in the ratio of 273·1 to 273. This is the practice of the *Computer's Handbook* of the Meteorological Office.

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* A. L. Day and R. B. Sosman, *Dictionary of Applied Physics*. Macmillan, London, 1922. Vol. I., p. 840.

† The constant 5·709 is the value which has been adopted by the International Research Council for publication in the "*International Critical Tables.*"

The tables give the values of temperature at exact hours obtained from the photographic thermograms ; also daily, monthly and annual means of hourly values, together with the monthly and annual means of diurnal inequalities. There is also a table showing the daily extremes of temperature.

Humidity.—When the temperature of the wet bulb is above 273a, values of relative humidity at exact hours are deduced from the corresponding values of dry and wet-bulb temperature obtained from the photographic thermograms, complete saturation being taken as 100. The tables employed in effecting the reductions appear in the *Computer's Handbook* (Section I). These tables are based on Glaisher's factors and make no allowance for the effect of the wind.

When the wet-bulb reading does not exceed 273a, the above method of reduction is not followed, but values of relative humidity are derived from the record of the hair hygrograph. To these values are applied appropriate corrections based on a comparison between the readings of the record of that instrument and the corresponding values of humidity computed from dry and wet-bulb readings during neighbouring periods when the wet-bulb readings exceeded 273a.

Tables are printed giving the values of relative humidity at exact hours together with daily, monthly and annual means of hourly values. Means of vapour pressure computed from the corresponding mean values of temperature and relative humidity, together with monthly and annual means of diurnal inequalities of relative humidity, are also given.

Rainfall.—Tables are given showing for the 60 minute intervals between exact hours* the amount of precipitation, expressed in millimetres, derived from the record of the Beckley gauge (see p. 10). Totals of amount are given for each day, and for each month ; the latter totals referring both to the complete days of the month, and to each of the hours of the day. When zero rainfall is assigned to a particular hour, the entry appears as " ... ". Corresponding totals of duration of rainfall are also given, the duration being regarded as the number of hours during which rain falls at a rate of not less than 0·1 millimetre per hour. If slight precipitation, due to rain, snow, fog or dew, extends over some hours, and if the amounts collected in some or all of the hours are less than ·1 mm., the fact is indicated by a succession of entries, each of which is enclosed within brackets, covering the period over which precipitation is known or believed to have occurred. In such cases entries of (·1) are allocated evenly among the hours concerned in such a way that their sum is equal to the aggregate fall during the period, and the remaining entries are (...), (*), (≡:) or (⌓) according as the precipitation took the form of rain, snow, fog or dew. Slight precipitation which takes other forms such as hail, sleet, hoar frost, glazed frost and rime is dealt with similarly. When it is impossible to determine the hourly amounts of precipitation, e.g. during snowfall or on occasions when the record has failed, the normal procedure is to consider each case on its merits, and to assign hourly values derived from estimates made by the observers as soon as possible after the event. Such values are also enclosed in brackets.

Annual totals of hourly amounts and duration and notes on special features of the rainfall of the year are also given.

Sunshine.—Tables are given showing for each of the 60-minute intervals between exact hours† according to *local apparent time*, from sunrise to sunset, the duration of bright sunshine recorded by the Campbell-Stokes instrument. The sums and means of hourly amounts are also given. For each day is shown the total duration of bright sunshine, and also the percentage this represents of the " possible " duration for the day. The " possible " for each day is computed as the period of time beginning and

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* For the years 1904 to 1920 it was the practice to tabulate rainfall for the period of 60 minutes centred at the exact hours ; the reversion to the method in use for 1903 *et ante* occurred on 1st January, 1921.

† Previous to 1st January, 1921, sunshine was tabulated for the period of 60 minutes centred at exact hours.

ending at the instants when the centre of the sun is apparently on the horizon, due allowance being made for atmospheric refraction. Even on a clear day the sun, when at an altitude less than $2\frac{1}{2}^\circ$ to 3° above the horizon, fails to make a scorch on the card of the Campbell-Stokes recorder.

A distinction is made in the tables between (*a*) sunshine not possible, and (*b*) sunshine possible but none recorded. If, in any hour, sunshine is not possible, the symbol " — " is used; if more than 3 minutes of " possible " sunshine falls in the 60-minute interval between exact hours according to local apparent time, and if no sunshine was recorded the symbol " ... " is printed.

Wind.—Tables are printed giving the hourly values of wind speed and direction, together with the mean speed for each day, each hour, and for the month and year. Values of speed are expressed in metres per second (1 metre per second =2·2369 miles per hour): those of direction are given in degrees from true north. The values of direction and speed are averages for periods of sixty minutes, centred at the exact hours of Greenwich Mean Time.

For speeds not exceeding 1·5 m/s the wind directions are regarded as indeterminate and are omitted.

The daily values of the speed and time of occurrence of the maximum gust and the monthly distribution of wind derived from records from Tube Anemographs are shown in other tables.

Minimum Night Temperature on the Grass.—Values are given for each day of the year together with monthly and annual mean values. The interval to which the reading refers is from 18h the previous day to 7h on the day to which it is entered. Previously the interval was 18h to 9h at Kew and Valentia observatories.

Diary of Cloud and Weather.—Tables are printed giving particulars of amount of cloud and of the weather at 7h, 9h, 13h, 15h, 18h, 21h daily, while cloud forms are shown for the three hours 7h, 13h, and 18h. The cloud forms are in accordance with the International classification and are indicated by the following abbreviations :—

Cirrus	Ci.
Cirro-Stratus	Ci-St.
Cirro-Cumulus	Ci-Cu.
Alto-Cumulus	A-Cu.
Alto-Stratus	A-St.
Strato-Cumulus	St-Cu.
Nimbus	Nb.
Cumulus	Cu.
Cumulo-Nimbus	Cu-Nb.
Stratus	St.
Stratus-cumuliformis	St-Cuf.
Fracto-(prefix, as in fracto-stratus)	Fr-
-lenticularis (affix, as in stratus-lenticularis) ..	-lent.
Mammato-cumulus	M-Cu.

The figure given for the amount of cloud denotes the proportion of sky covered by cloud: the numerical scale running from 0, cloudless, to 10, completely overcast. In the columns for form of cloud all the forms noted by the observer at the time of observation are printed where space permits. When the number of forms is too great to permit this, the predominating forms selected at the time of observation to give the best representation of the cloud canopy are printed. If high or medium cloud can be seen, one of the selected types is normally a high or medium cloud. The amounts of cloud given indicate, however, the total cloudiness irrespective of form. In the case of fog through which it is impossible to discern the sun or stars the cloud amount is entered as 10, but if cloud can be seen through the fog the form and amount are entered in the usual way. If the sun or stars are visible through fog and if there is no evidence of cloud above the fog the amount is entered as 0.

For the purposes of the summary of the weather for each day, contained in the " Remarks " column, it is usual to consider the day as divided into three portions, viz., morning, afternoon and night, denoted by *a*, *p*, *n*, respectively, but it should be noted that no arrangements are made for regular eye observation of weather changes in the period 21h 30m to 6h 30m.

In the " Remarks " and " Weather " columns the entries consist very largely of international weather symbols and the letters of the Beaufort scale. These symbols and letters are as follows :—

Beaufort Notation and International Weather Symbols.

b		blue sky. (Cloud amount 0, 1, 2, 3.)	d		drizzling rain.
bc		some cloud. (Cloud amount 4, 5, 6.)	r	●	rain.
c		cloudy. (Cloud amount 7, 8.)	s	✱	snow.
o		overcast. (Cloud amount 9, 10.)	rs	✱	sleet.
g		gloomy, dull appearance.		✢	drift snow.
u		ugly, threatening appearance.		⊞	snow lying. (More than half the surrounding country covered with snow.)
v	()	visibility, unusually clear atmosphere.			
z	∞	haze.	h	▲	hail.
m	≡°	mist, light fog.		△	soft hail.
f	≡	fog.	t	T	thunder.
fe	≡:	wet fog, i.e., fog which deposits water copiously on exposed surfaces.	l		lightning.
w		dew.	tlr		thunderstorm
x	⊔	hoar frost.			gale.
	←	ice crystals in the air.	q		squalls.
	V	rime.		⦶	solar corona.
	~	glazed frost.		⊕	solar halo.
e		water deposited copiously on exposed surfaces, without rain falling.			lunar corona.
					lunar halo.
				⌒	rainbow.
y		dry air. (Relative humidity less than 60 per cent.)			aurora.
					zodiacal light.
p		passing showers.			mirage.

The letter *i* preceding a letter or symbol which denotes some form of precipitation indicates that the precipitation is of an " intermittent " or " occasional " character.

The letter *j* preceding a letter or symbol which denotes some form of precipitation indicates that the precipitation is within sight, though not actually falling at the station.

The figure 0 written after and above a symbol indicates slight, whilst the figure 2 indicates strong or heavy ; thus $\bullet^{0}$ slight rain, $\bullet^{2}$ heavy rain. The figures 0 and 2 written after and below the letters of the Beaufort notation are also used with a similar significance, thus d_0 slight drizzle. The gale symbol is normally used in this publication to indicate that the wind as recorded by the anemograph averaged at least 17·2 *m/s* for one or more " centred " hours. At Richmond (Kew Observatory) the symbol has been used with the word gust in brackets to indicate the occurrence of gusts reaching 17·2 *m/s*.

FOR OFFICIAL USE

M.O. 299
(Lerwick)

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1925

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valentia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

LERWICK

Published by the authority of the
METEOROLOGICAL COMMITTEE

LONDON:
PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.

1927

c

LERWICK OBSERVATORY.

Latitude	60° 8′ N.
Longitude	1° 11′ W.
G.M.T. of Local Mean Noon	12h 5m.
Height of Site above Sea-Level	From 80·5 metres. to 90·0 metres.

INTRODUCTION.

GENERAL REMARKS.

In 1919 the establishment of an observatory in the Shetlands was included in the programme of the Meteorological Office. A wireless station built in 1913 by the Admiralty and transferred after the war to the Post Office, but used by that Department only in case of emergency, offered suitable accommodation in the way of offices and living quarters. It proved possible to make an arrangement under which the Air Ministry, on condition of maintenance of wireless plant, has the use of the station as an observatory and of the wireless plant for the transmission of meteorological reports and time signals.

The Observatory was opened on the 7th June, 1921, when the first instalment of the instrumental equipment arrived. Later on in the same year the construction of a magnetograph house and of huts for absolute magnetic and auroral observations was commenced. The magnetograph house is a heavy concrete structure with walls 2 feet 6 inches (76 cm.) thick, of internal dimensions 16 feet by 10 feet (4·9 m. ×3 m.), and after construction several months had to elapse before the thick concrete walls and roof could be thoroughly dried and the recording instruments placed in position. These instruments, which are described below, consist of magnetographs recording magnetic declination and horizontal and vertical force. In addition, in order to obtain a record of the more minute changes in the vertical component of terrestrial magnetic force, a line of twin cable was laid in an approximately horizontal plane round Loch Trebister, the terminals of the cable being connected to a suitable galvanometer on which could be measured the current induced in the cable by changes in the vertical component of terrestrial magnetic force. The arrangement is similar to one in use at Eskdalemuir Observatory, but no records from either have yet been included in official publications.

Other instruments installed at the Observatory included barometers, barograph, hygrograph, psychrometers, nephoscope, raingauges (ordinary and self-recording), sunshine recorder and Dines tube anemograph. But meteorological observations have been restricted, and the time of the somewhat limited staff available has been devoted chiefly to magnetic work.

The present is the third complete year of magnetic observations. Instrumental difficulties have continued to be experienced and it has again been decided to restrict publication to the monthly means extracted from the records, a summary of the absolute observations, and diurnal inequalities in declination and horizontal force.

The site and the work in Terrestrial Magnetism will now be described.

SITE.

The Observatory is situated on a ridge of high ground about a mile and a half (2·4 km.) to the south-west of Lerwick and adjoins the main road between Lerwick and Scalloway. The site slopes upward from west-north-west to east-south-east, the average height above M.S.L. being about 280 feet (85 metres). The ground to the east and south-east rises slightly for about ¼ mile (·4 km.) then slopes sharply down to the sea. In other directions there is a downward slope for about ¼ mile extending to the Loch of Trebister on the south-west, Sandy Loch to north-west, and to the Burn of Sound to north-north-west; beyond these and distant about $\frac{3}{4}$ mile (1·2 km.) from the Observatory are small hills—Munger Hill to the south is about 320 feet (97 metres) above M.S.L., Shurton Hill to west-north-west rises to 576 feet (176 metres), and Stony Hill to the north to about 400 feet (122 metres). In clear weather it is possible to see the Outer Skerries, $25\frac{1}{2}$ miles (41 km.) north-east by north, and Sumburgh Head, 20 miles (32 km.) south by west; the horizon in other directions is limited to a few miles.

The average depth of soil in the vicinity is about a foot, and outcrops of sandstone occur in many places. The surrounding country is barren and desolate, the only vegetation being coarse grass, stunted heather, and moss, with occasional patches of bare black peat. The Observatory ground is of a very uneven nature, and, owing to lack of proper drainage, is frequently water-logged; in winter it may be almost submerged for considerable periods. Views of the station are shown and the arrangement of buildings and situation of instruments are set out on a site plan in the 1923 Year Book.

ATMOSPHERIC ELECTRICITY.

Notes on the Instruments.—A Benndorf electrograph was in operation, with somewhat frequent interruptions to the record, from April to November, 1925. The instrument is installed in a small wooden hut, size 1·5 × 2·0 metres, height 1·7 m. to eaves, 2·5 m. to ridge, situated within the grounds of the Observatory; an oil stove is kept burning in the hut to maintain the insulation. The collector rod passes through the N.E. corner of the hut. The collector, which projects 89 cm. from the wall of the hut, consists of a copper spiral about 5 cm. long, painted over, by means of a special adhesive varnish, with a salt of radium. This is soldered into the smaller end of a tapered German silver tube, 76 cm. long, and of triangular cross section, which in turn is attached to a "Duralumin" tube, 89 cm. long and 1·3 cm. diameter. The latter tube passes through a hole, 3·8 cm. diameter, in one end of a wooden box (dimensions 38 × 25 × 10 cm.), where it is supported horizontally between the ends of two metal rods embedded in sulphur. A number of small 2 volt electric bulbs are kept burning inside the box in order to improve the insulation of the supports for the collector rod during wet weather, and a similar bulb is placed inside the case of the electrometer. The rod is connected to the base of the acid pot of the Benndorf electrometer by a fine wire. A detailed description of this instrument is to be found in *Phys. Zeit.* 7 (1906), p. 98, whilst the general principle is described in Mathias' *Traité d'Electricité Atmosphérique et Tellurique*, p. 54, and in Chauveau' *Electricité Atmosphérique*, pp. 61–64.

The record consists of a series of dots made once a minute on a long roll of paper as it is unwound from a drum by clockwork. The time scale is approximately 4 cm. to the hour, but varies considerably; this variation is not of much importance as hour marks are made automatically and as each individual minute is marked by a dot on the trace. A zero line is obtained by connecting up marks made by earthing the needle of the electrometer. At first these zero marks were made only at the beginning and end of each day, but an intermediate zero mark is now made. Owing to the constancy of the perpendicular distance between the zero line and the line through the hour marks, further intermediate positions of the zero are easily obtained. The scale value has been fairly constant at about 14 volts per millimetre, which gave a range of about 700 volts on each side of zero, equivalent to about 550 volts per metre in the open. It has been found that on days which must be regarded as normal some trace has been lost and, since the year under review, it has been decided to decrease considerably the sensitivity of the record.

The insulation of the system is tested frequently, the procedure being to remove the collector and to charge the needle. The rate of leak is obtained for a period of 5 to 10 minutes. Considering the climatic difficulties the behaviour of the instrument in the matter of insulation has been very satisfactory. The rate of leak has been in general small, usually such that the instrument would lose half its potential in 15 to 20 minutes. Also, when the insulation breaks down it does it so thoroughly that the fact can easily be recognised on the traces and the spurious readings rejected.

Weekly scale tests are carried out with the aid of Ayrton-Mather Electrostatic Voltmeter No. 11889, and an auxiliary dry battery of approximately 300 volts. With the collector removed and one pole of the battery earthed, the electrometer is given succesive charges from the battery, commencing at about 90 volts, and rising by steps of 30 volts to 300 volts; a dot is recorded on the sheet for each potential, which is also measured on the electrostatic voltmeter. On reaching the full voltage of the battery the measurements are repeated for decreasing potentials. It has been found that, for all practical purposes, the scale value may be taken as constant across the full width of the sheet, consequently a mean is taken of the values corresponding with each dot. The scale value remains reasonably steady, and it has been decided to employ a single scale value of 14·0 volts per millimetre for the whole of the period recorded; this is the mean of all the scale values obtained.

The factor by which the recorded potential must be multiplied for conversion into potential gradient in the open is obtained from absolute measurements above a levelled piece of ground in the vicinity of the electograph hut. Observations are made of the potential attained by a wire stretched horizontally, and carrying a burning fuse exactly one metre above the ground at its centre. The factor (=0·78) employed in reducing the values has been obtained from measurements made during 1926, with either an Elster and Geitel leaf electroscope or a Wulf electrometer. No known change occurred in the position of the collector or in the surroundings, from the installation of the electrograph until the exposure factor was determined.

In its response to changes of potential gradient the instrument is very sluggish compared for instance with the Kelvin water dropper in use at Eskdalemuir Observatory. In general the rise to a steady potential takes an approximately exponential character, and it was found that the mean of 34 tests gave 63 seconds as the time to rise to half the final value; this is about 10 times as slow as the water dropper at Eskdalemuir Observatory. Sometimes when there is no wind the rate of rise of potential is very much slower and apparently nearly linear. If the instrument rises through a potential V and has a capacity C a quantity of electricity CV has to be given to the air in the neighbourhood of the collector, and in the absence of wind and the presence of fog this may hang about in the form of a heavily charged cloud for a considerable time before being dispersed or dissipated. It is difficult to accept the readings from a radio active collector during such times. Fortunately these conditions are rare at Lerwick except in early summer, but on the other hand they are then very interesting.

If we assume the leaking and the charging to be exponential, i.e.—

$$\text{If } \frac{dV}{dt} = - K_L V$$

$$\text{and } \frac{d(V_o - V)}{dt} = K_C (V_o - V)$$

where K_L measures the rate of leak,
and K_C ,, ,, charging.

then the potential finally acquired by the instrument is equal to the real potential multiplied by $K_C/(K_L + K_C)$.

K_L/K_C is usually about $\frac{1}{16}$; that is, the instrument reads 6 per cent. lower than the true potential; but if this were constant it would be included in the exposure factor. There is, however, a possibility of a variation of this quantity K_L/K_C equal to its usual value. As the capacity of the instrument cannot be reduced nothing can be done to remedy this except to keep K_L as small as possible.

Review of Results.—From various causes (failure of the clock, etc.) a considerable loss of trace has occurred, but curves have been read as far as possible and days when there was a complete trace have been classified as follows by means of an electric character figure :—

0, denotes a day during which, from midnight to midnight, no negative potential was recorded.

1, denotes a day with excursions to the negative not amounting in the aggregate to more than three hours.

2, denotes a day with negative potential amounting in the aggregate to more than three hours.

Owing to the small range which could be registered on the sheet, the further subdivision into a, b, c days as at Eskdalemuir Observatory was considered undesirable.

Owing also to their incompleteness, the results are not being published in detail in this volume, but Tables I. and II. give a summary of the observations available.

TABLE I.

POTENTIAL GRADIENT (REDUCED TO LEVEL SURFACE) : VOLTS PER METRE. MEAN VALUES FOR PERIODS OF SIXTY MINUTES, CENTRED AT THE EXACT HOURS. GREENWICH MEAN TIME.

	April.	*May.*	*June.*	*July.*	*Aug.*	*Sept.*	*Oct.*	*Nov.*
3 h. ...	125 (12)	91 (20	108 (23)	190 (25)	117 (11)	81 (24)	111 (14)	105 (4)
9 h. ...	183 (12)	114 (22)	146 (23)	205 (20)	189 (9)	116 (23)	115 (10)	191 (2)
15 h. ...	190 (11)	118 (23)	179 (24)	219 (28)	128 (9)	159 (22)	190 (14)	171 (6)
21 h. ...	178 (12)	148 (24)	199 (23)	259 (24)	135 (9)	147 (23)	143 (13)	161 (15)

Note.—The numbers in brackets are the numbers of observations used in forming the mean.

TABLE II.

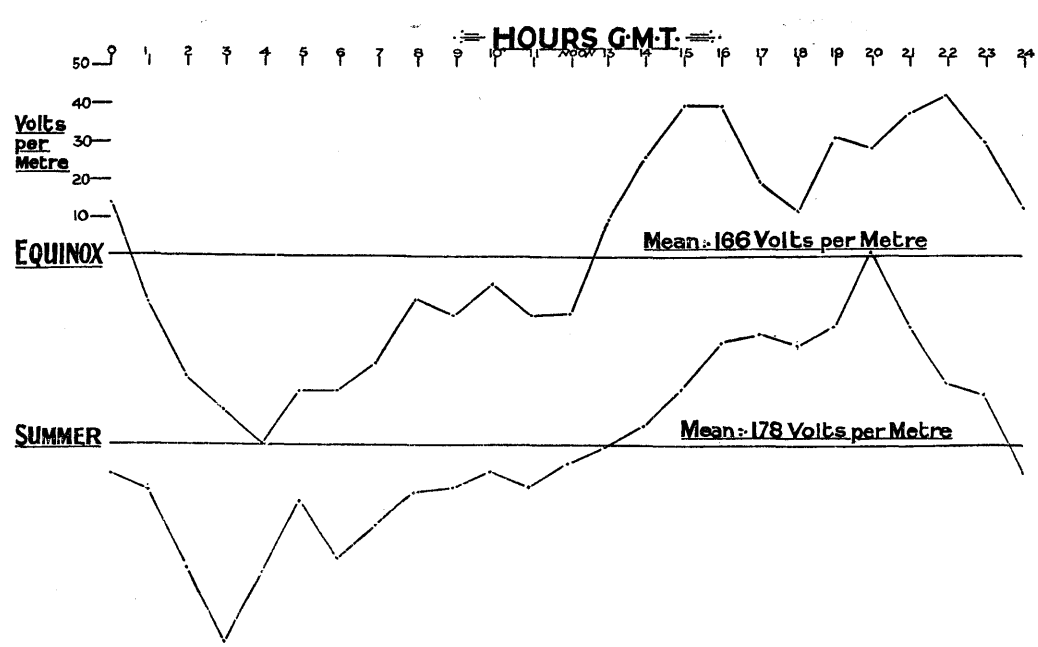
POTENTIAL GRADIENT (reduced to level surface) : DIURNAL INEQUALITIES (in volts per metre).

The departures from the mean of the day are adjusted for non-cyclic change.

"0" DAYS ONLY.

Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	Midt.	Non-cyclic change 24-0.	No. of days used.	Mean Values.
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.		v/m.
Equinox	− 14	− 33	− 42	− 50	− 36	− 36	− 29	− 12	− 16	− 7	− 16	− 15	+ 9	+ 26	+ 38	+ 39	+ 20	+ 11	+ 31	+ 25	+ 36	+ 42	+ 30	+ 14	—	15	166
Summer	− 11	− 32	− 53	− 34	− 15	− 30	− 22	− 13	− 12	− 6	− 12	− 5	− 1	+ 5	+ 15	+ 27	+ 30	+ 27	+ 33	+ 51	+ 33	+ 18	+ 15	− 8	—	31	178

POTENTIAL GRADIENT. DIURNAL VARIATION.



There appears to be little doubt that the summer diurnal variation at Lerwick is similar to the typical winter curve at other existing observatories and there is a suggestion (supported by the monthly means in Table I) that the potential gradient in summer is higher than, or not very different from, the potential gradient in winter. This is of interest, being different from all other records in the Northern hemisphere.

The behaviour of the meteorological elements likely to affect potential gradient is also unusual at Lerwick. In particular, the wind is very much reduced in summer and consequently also the portion of the turbulence, or "Austausch," which arises from the wind. The mean wind speed in the summer months of 1925 was 5·44 m/s. as against 8·66 m/s. in the winter months of the same year. On the other hand, thermal convection is at all times small at Lerwick so that the great loss of "Austausch" due to the weaker wind circulation in summer cannot be compensated, as at inland or more southerly stations, by the gain due to increased convectional activity. In point of fact, early summer is also the foggy season at Lerwick as it is in general in Arctic maritime regions.

In addition the diurnal inequality of wind speed on the 31 "o" days of the summer of 1925, as deduced from the records of a pressure tube anemograph at Lerwick, is also somewhat unusual, being as follows :—

Hour.	1	2	3	4	5	6	7	8	9	10	11	12
Difference from Mean (m./s.)	−·45	−·68	−·85	−·83	−·64	−·34	+·26	+·69	+·69	+·83	+1·05	+·94
	13	14	15	16	17	18	19	20	21	22	23	24
	+·88	+·75	+·65	+·48	+·18	−·07	−·20	−·57	−·68	−·90	−·70	−·42

Mean speed 4·75 m./s.

It will be seen that this differs considerably from the normal summer behaviour of the wind at other observatories. There is a sharp maximum at 11 h., minima at 22h. and shortly after 3 h., and a secondary maximum shortly after midnight. There is a tendency for these peculiarities to be approached in winter at Aberdeen, but only when the diurnal range of wind speed has become negligible—about 8 per cent. of the mean velocity—whereas in the Lerwick summer inequality for "o" days the diurnal range is quite considerable, 1·95 m/s. or just over 40 per cent. of the mean velocity for the day.

The diurnal inequality of wind speed on all days in the four summer months is as follows :—

Hour.	1	2	3	4	5	6	7	8	9	10	11	12
Difference from Mean (m./s.)	−·69	−·70	−·58	−·47	−·44	−·22	+·19	+·44	+·51	+·60	+·81	+·89
	13	14	15	16	17	18	19	20	21	22	23	24
	+·91	+·89	+·75	+·52	+·23	+·06	−·16	−·50	−·73	−·85	−·77	−·66

Mean speed 5·44 m./s.

Comparing this with the inequality for "o" days it will be seen that the differences are not large. The main maximum occurs later in the day (13 h. instead of 11 h.), and the dip after the midnight maximum is less pronounced. The four summer months considered separately show differences amongst themselves as big as do these two curves, but on the other hand three of the four months show the secondary maximum at midnight, which is a feature of the curve for the "o" days.

The diurnal and seasonal variations of surface wind and so of turbulence in the lower layers are therefore different at Lerwick from the variations at other existing observatories. Different types of diurnal and seasonal variations of atmospheric electric potential gradient are therefore to be expected and further information as to the details of the differences should throw fresh light on various related problems.

TERRESTRIAL MAGNETISM.

Notes on Instruments.—Declination and horizontal force are recorded by the Adie magnetographs which were in use at Falmouth until 1912. A multi-magnet balance, designed by the late Professor W. Watson, F.R.S., was used to record vertical force until November, but behaved in a most unsatisfactory manner and showed frequent and unaccountable variations in base and scale values; it was replaced early in November by the Adie balance belonging to the Falmouth magnetograph, and much better records were obtained subsequently. The instruments had been stored for several years, but were reconditioned by the makers, and all but the Adie vertical force balance were tested at Kew before being installed at Lerwick in November, 1922.

The declination magnet has a unifilar suspension, and the torsion correction is negligible. The scale value is constant for all positions of the light dot on the sheet; throughout the year it was 1 mm. of ordinate to 1·93 minutes of arc. In the horizontal force instrument the magnet is maintained in a position approximately perpendicular to the magnetic meridian by torsion of the bifilar suspension. The Watson vertical force instrument is of similar construction to that in use at Eskdalemuir Observatory, but consists of only six magnets; the Adie balance consists of a single heavy magnet similar to those used for recording declination and horizontal force, and may be compensated for variations of temperature. Copper damping plates are fitted to each instrument and the recording mechanism is similar to that used at Eskdalemuir. The arrangement of the instruments in the magnetograph house is shown in Fig. 2 of the 1923 Year Book.

The chief instrumental defects encountered during the year were :—

(*a*) A persistent tendency of the trace, in the case of the H force instrument, to drift away from its base line.

(*b*) Unsteadiness of the Watson vertical force system.

These troubles were not entirely overcome during 1925.

Adjustments to the horizontal and vertical force instruments were made on many occasions, and in consequence determinations of the scale values had to be taken frequently; the scale values have been assigned to periods between the discontinuities recorded, instead of for each month. The determinations are made by Broun's method, the deflecting magnet being placed in the " broadside on " position and at a distance of 55·9 cm. from the recording magnets. A larger deflection distance would render the error due to inequality of the distribution co-efficients for the H, D and V magnets less appreciable, but cannot be used owing to the restricted size of the magnetograph house. The double deflections produced are approximately 30 mm. for D, 23 mm. for H, and 16 mm. for V, giving scale values for the horizontal and vertical force instruments of about 10·7γ per mm. and 15γ per mm. respectively.

It is estimated that, in general, an accuracy to within 1 per cent. has been obtained in the scale values for horizontal force, but it has been impossible to assign scale values to a number of vertical force records owing to the erratic behaviour of the instrument in use throughout the greater part of the year.

The records of declination, horizontal force and vertical force have been tabulated hour by hour. The values are read off by means of graduated celluloid scales, a value being the mean reading for 60 minutes centering at the hour.

Base values for the records are obtained from the results of absolute observations taken twice weekly. Horizontal force and declination are determined with Unifilar No. L 3951 (Cambridge Instrument Co.) using magnets 3951A and 3951C. The magnetometer is used on the centre pillar (No. 2) of the absolute hut, the azimuth of the fixed mark being taken as 8° 43′ 2″ east of south. Inclination is measured with Dover Circle No. 238 placed on the East pillar (No. 3), using 3½ inch needles. In the deflection experiment three distances 25, 30 and 35 cm. are used, and a mean value of the correction, $\log_{10}(1 + Pr^{-2} + Qr^{-4})$, is derived for each month from the observations of seven cocentral months. The following table shows the values obtained for $\log_{10}(1 + Pr^{-2} + Qr^{-4})$ at 25 cm., together with the number of observations.

Month.	Mean values of $\log_{10}(1 + Pr^{-2} + Qr^{-4})$ for $r = 25$ cm.	Number of observations at 25, 30, 35 cm.
January ...	$\bar{1}\cdot99844$	6
February ...	$\bar{1}\cdot99828$	7
March ...	$\bar{1}\cdot99825$	8
April	$\bar{1}\cdot99816$	7
May	$\bar{1}\cdot99859$	9
June	$\bar{1}\cdot99799$	5
July	$\bar{1}\cdot99800$	7
August ...	$\bar{1}\cdot99822$	7
September ...	$\bar{1}\cdot99840$	7
October ...	$\bar{1}\cdot99849$	6
November ...	$\bar{1}\cdot99856$	7
December ...	$\bar{1}\cdot99869$	7

Aurora.—From about September to April, a watch for aurora is maintained normally until about 23h. G.M.T. each evening, and observations—as a rule at intervals of 15 to 20 minutes—are made of the northern horizon and of general meteorological conditions. The records form what is called the auroral log, a brief summary of which is given in Table 13. When any auroral display is observed, a second observer is called and detailed observations are maintained until the display subsides. So far these detailed observations have been mainly non-instrumental and have consisted in noting and making descriptions of the phenomena seen during the display. These notes are entered in a second log reserved for records of actual auroral displays. Extracts from this latter log may be obtained by anyone requiring the detailed information.

A general auroral table for Scotland (Table 14) is also included. This table has been compiled from the records of all stations at which climatological observations or weather logs are maintained. The observers at these stations, whilst noting occasions of aurora which they may happen to observe, do not in general maintain a special watch.

Notes on the Tables.—Tables 7, 8, 9 contain the mean diurnal inequalities of Magnetic Declination for the months, year, and seasons, for "all," quiet, and disturbed days respectively. Tables 10, 11, 12 deal similarly with Horizontal Force. Tables 1, 2 and 3 contain respectively, the Ranges of the Diurnal Inequalities, the Average Departure from the Mean of the Day and the Non-Cyclic Change.

Tables 5 and 6 contain the Absolute Daily Ranges of the Declination and Horizontal Force. Table 4 contains the Mean Monthly and Annual Values of Declination, Inclination, and Horizontal Force, as deduced from the results of the absolute observations; the dates on which these absolute observations were made are also given.

Review of Results.—The two preceding years for which magnetic data have been published from Lerwick included a sun spot minimum. The mean sun spot number increased from 5·5 in 1923, 16·7 in 1924, to 44·6 in 1925, and coincident with this increase the results for 1925 show greater magnetic activity. In the tables given this is more evident in "all" and "quiet" than in "disturbed" days because even in quiet periods a few days of very great disturbance usually occur.

In the case of Declination the quiet day diurnal inequalities as compared with 1924 show an increased range in all months except July and September, the increase being much more noticeable in the winter than the summer. The following table gives the ratio of the ranges of the quiet day inequalities in 1925 to the corresponding ranges for 1924:—

Jan.	*Feb.*	*Mar.*	*Apr.*	*May.*	*June.*	*July.*	*Aug.*	*Sept.*	*Oct.*	*Nov.*	*Dec.*
1·15	1·36	1·10	1·09	1·09	1·16	·94	1·02	·99	1·14	1·59	1·83

The disturbed day inequalities of declination are somewhat irregular but show the usual differences from the quiet days. Seven of the twelve months show an increased range over 1924, but the increased activity is not so obvious in these figures as in those for quiet and all days.

The non-cyclic change in the all day inequalities is negative in nine months and positive in three months. The mean of the twelve values, $-·055'$, is somewhat greater than would be expected from the secular change determined from absolute observations but only half the value for the previous years. The instrumental drift is thus dying away.

In the case of Horizontal Force the instrumental difficulties encountered in the two previous years, notably a big drift of the magnet, were not overcome in 1925. This shows itself in the figures for the non-cyclic change. From a comparison of the results of the three years there appears no doubt that the ordinary method of dealing with a non-cyclic change adequately meets this exceptional case so far as the preparation of diurnal inequalities is concerned, but there is given this year for the first time, in Table 6, the absolute daily range of H on each day. This table was prepared by measuring the maximum and minimum on the photographic curves, with their times of occurrence and correcting the range from a knowledge of the drift as calculated from absolute observations. The daily range thus derived is unlikely to be more than two or three γ in error, but it should be noted that not only is the proportional error more serious in the case of days of small range but the probability of these relatively larger errors is increased on such days.

In all months except September the range of the quiet day inequalities was greater than in 1924. The ratio of the two values for each month is shown below.

Jan.	*Feb.*	*Mar.*	*Apr.*	*May.*	*June.*	*July.*	*Aug.*	*Sept.*	*Oct.*	*Nov.*	*Dec.*
1·93	1·16	1·54	1·37	1·05	1·40	1·09	1·50	·93	1·42	1·31	2·94

The increase is in general considerably greater in H than in D. Disturbed day inequalities show an increased activity but less markedly.

A comparison of the records of Eskdalemuir and Lerwick shows that the declination inequalities for all, quiet and disturbed days at the two places are very similar in general appearance, although minor irregularities on the one set of values are not always reproduced on the other, or if so, only with diminished amplitude. Differences are more obvious in the horizontal force curves even on quiet days; and the disturbed day inequalities in H sometimes bear no resemblance to one another. The following table gives the ratio of the range of the inequality at Lerwick to the corresponding figure for Eskdalemuir:—

Type of day.	*Element.*	*Jan.*	*Feb.*	*Mar.*	*Apr.*	*May.*	*June.*	*July.*	*Aug.*	*Sept.*	*Oct.*	*Nov.*	*Dec.*
q	D	·95	1·10	·94	·98	1·03	·92	1·07	·98	·98	·89	·97	·99
d	D	1·23	1·15	1·29	1·07	1·11	1·14	1·07	1·06	1·20	1·15	1·31	1·26
q	H	·67*	1·04	1·19	1·25	1·18	1·14	1·21	1·10	1·02	·94	1·01	·93
d	H	1·65	1·09	1·17	1·33	1·28	1·92	·92	1·18	2·38	3·85	4·51	1·85

* January 25th was missing at Lerwick so that the inequalities are not strictly comparable.

On quiet days, both in H and D, there is a tendency for the range to be smaller at Lerwick than at Eskdalemuir in the winter months and larger in the summer months, so that the annual variation of the range is bigger at Lerwick. The figures for D for the present year show this tendency very little compared with 1923, a year of sun spot minimum. Because of the smaller absolute value of H at Lerwick a given value of D represents there a west-east magnetic force about 14 per cent.

smaller than at Eskdalemuir. Thus on quiet days the range of this force is considerably smaller at Lerwick and on disturbed days approximately the same. In the above table the two rows showing the ratio of the ranges on disturbed days bring out the completely different behaviour of D and H in disturbed conditions. Thus the extreme variation of the ratio of D is about 25 per cent. but of H about 500 per cent. Chree and Watson (Proc. Roy. Soc., vol. 112, 1926) have studied irregular movements which could be identified at several places in the British Isles and found that while there were a few cases of irregular movements in D which could not be identified in the records from Lerwick and a southern station there were many such occasions in H. A direct comparison of the absolute daily range of H cannot be made as Eskdalemuir records only the North and West components, but the difference between H records and N records cannot be large especially as we see that the differences in D disturbances over the British Isles do not seem to be in general very large. The following table gives the frequency of the occurrence of specified values of the differences between the absolute daily range of the North component at Eskdalemuir and the absolute daily range of the Horizontal Force at Lerwick, and illustrates the enormous variations in the H disturbances which may occur over so small an area as Scotland.

	+	+	+	—	—	—
Difference (γ)	40 & over.	39–20	19–0	0–19	20–39	40–59
Occurrences	2	20	174	103	20	2

	—	—	—	—	—
Difference (γ)	60–79	80–99	100–119	120–139	140 & more.
Occurrences	6	5	5	2	26

Month and Season.	1. RANGES OF MEAN DIURNAL INEQUALITIES FOR THE MONTHS, YEAR AND SEASONS.* Lerwick. 1925. "All" Days. D.	"All" Days. H.	Quiet Days. D.	Quiet Days. H.	Disturbed Days. D.	Disturbed Days. H.	2. AVERAGE DEPARTURE OF THE INDIVIDUAL VALUES FROM MEAN OF THE DAY. Lerwick. 1925. "All" Days. D.	"All" Days. H.	Quiet Days. D.	Quiet Days. H.	Disturbed Days. D.	Disturbed Days. H.	3. NON-CYCLIC CHANGE (24h. —0h).† Lerwick. 1925. "All" Days. D.	"All" Days. H.	Quiet Days. D.	Quiet Days. H.	Disturbed Days. D.	Disturbed Days. H.
	′	γ	′	γ	′	γ	′	γ	′	γ	′	γ	′	γ	′	γ	′	γ
Jan. ..	6·08	13·2	3·64	10·6	13·28	50·4	1·26	3·3	0·85	2·1	2·67	10·2	− 0·04	− 6·0	+ 0·10	− 4·6	− 1·51	− 8·6
Feb. ..	7·20	16·6	5·19	18·3	11·60	24·5	1·95	3·7	1·13	4·0	2·89	5·4	− 0·15	+ 0·4	+ 0·19	+ 3·0	− 1·08	− 3·4
Mar. ..	9·16	34·0	7·06	32·0	14·38	43·5	2·24	8·9	1·57	8·1	3·48	8·7	+ 0·02	− 0·3	+ 0·58	+ 2·2	+ 1·04	−10·3
April ..	10·82	55·1	9·30	48·6	13·28	68·7	2·46	12·8	1·97	12·4	3·55	16·0	− 0·06	− 1·8	+ 0·35	+13·9	− 0·77	−12·2
May ..	9·73	61·7	8·42	47·9	14·09	90·5	2·38	13·3	2·05	11·7	2·87	22·9	+ 0·04	− 9·1	+ 0·19	− 2·2	+ 6·02	− 4·8
June ..	11·19	74·3	11·87	65·7	14·67	167·4	3·01	19·1	2·80	15·2	4·07	34·6	− 0·10	−17·8	+ 0·35	−17·7	− 2·01	−29·2
July ..	11·69	64·8	11·19	51·3	12·35	73·0	2·92	14·4	2·68	11·5	2·95	18·1	− 0·06	−20·4	− 0·23	−20·8	+ 2·32	+ 6·8
August	12·00	63·6	9·78	54·6	16·44	94·7	2·75	14·5	2·22	12·8	3·62	28·8	− 0·06	−20·3	+ 0·19	−23·1	+ 1·04	−31·6
Sept. ..	9·71	48·8	9·82	39·2	15·83	146·5	2·45	12·3	1·85	11·0	3·68	32·0	− 0·02	− 8·8	− 0·39	− 5·8	− 2·39	−28·0
Oct. ..	10·59	47·3	7·39	36·7	17·93	195·3	2·79	9·9	1·72	9·4	5·03	41·2	− 0·21	− 9·5	+ 0·39	− 9·9	− 0·08	−46·5
Nov. ..	8·02	28·2	4·67	20·2	16·13	157·9	1·98	6·9	1·13	4·6	4·39	30·9	− 0·06	− 2·5	+ 1·97	− 2·2	+ 2·59	− 4·2
Dec. ..	7·28	19·1	4·84	14·4	11·08	67·9	1·79	4·1	1·37	3·4	2·86	12·4	+ 0·04	− 5·5	− 0·35	− 2·2	− 0·66	−14·1
Year ..	8·14	42·0	7·47	35·7	11·33	69·3	2·27	8·8	1·69	8·5	3·08	17·9	—	—	—	—	—	—
Winter..	6·78	16·1	4·29	14·1	11·33	49·8	1·72	4·3	1·08	3·4	2·83	11·7	—	—	—	—	—	—
Equinox	9·22	45·4	8·40	38·8	13·42	87·0	2·44	9·3	1·71	10·2	3·65	19·8	—	—	—	—	—	—
Summer	10·97	65·0	10·11	54·8	14·35	90·6	2·76	15·0	2·42	12·6	3·05	25·1	—	—	—	—	—	—

* The ranges are those shown in Tables 7 to 12, in the preparation of which the non-cyclic change has been eliminated.
† The non-cyclic changes shown under H. are mainly of instrumental origin. *See* p. 25.

MEAN MONTHLY AND ANNUAL VALUES OF MAGNETIC DECLINATION, INCLINATION AND HORIZONTAL FORCE.

Means of the results of absolute observations made on the dates shown.

4. Lerwick. **1925.**

Month.	Declination. (West). Mean Value.	Declination. Dates of Observation.	Inclination. (North). Mean Value.	Inclination. Dates of Observation.	Horizontal Force. Mean Value.	Horizontal Force. Dates of Observation.
	° ′		° ′		γ	
January ..	15 23·9	2, 7, 12, 19, 26, 30	72 35·5	2, 7, 12, 19, 26, 30	14643	2, 7, 12, 19, 26, 30
February ..	15 22·7	2, 7, 10, 13, 19, 23, 27 ..	72 36·0	2, 7, 10, 13, 19, 23, 27 ..	14634	2, 7, 10, 13, 19, 23, 27.
March ..	15 22·7	3, 7, 10, 13, 17, 19, 24, 27, 31	72 36·7	3, 7, 13, 17, 19, 24, 27, 31 ..	14626	3, 7, 13, 17, 19, 24, 27, 31.
April ..	15 20·9	4, 11, 14, 18, 21, 24, 27 ..	72 37·3	4, 11, 14, 18, 21, 24, 27 ..	14620	4, 11, 14, 18, 21, 24, 27.
May ..	15 17·0	1, 7, 9, 12, 14, 20,23, 26,29 ..	72 37·1	1, 7, 9, 12, 14, 20,23, 26,29 ..	14618	1, 7, 9, 12, 14, 20,23, 26,29.
June ..	15 15·9	8, 11, 16, 19, 26	72 37·1	8, 11, 16, 19, 26	14611	8, 11, 16, 19, 26.
July ..	15 16·1	1, 3, 7, 16, 18, 21, 24, 30 ..	72 37·2	1, 3, 7, 16, 21,24,30	14613	1, 3, 13, 16, 21, 24, 30.
August ..	15 16·5	5, 12, 15, 20, 22, 25, 27 ..	72 37·7	5, 12, 15, 20, 24, 25, 27 ..	14602	5, 12, 15, 20, 22, 25,27.
September ..	15 16·5	3, 5, 8, 10, 18, 25, 29 ..	72 38·5	3, 5, 8, 10, 18, 25, 29 ..	14608	3, 5, 8, 10, 18, 25, 29.
October ..	15 14·2	1, 8, 14, 19, 20, 27, 29 ..	72 38·2	1, 8, 14, 19, 20, 27, 29 ..	14621	1, 8, 14, 19, 20, 27, 29.
November ..	15 13·8	2, 5, 12, 15, 17, 19, 22, 26, 29	72 37·8	2, 5, 12, 15, 17, 19, 22, 26, 29	14624	2, 5, 12, 15, 17, 19, 22, 25, 26, 29.
December ..	15 12·6	2, 8, 13, 16, 22, 24, 27 ..	72 37·4	2, 8, 13, 16, 22, 24, 27 ..	14626	2, 8, 13, 16, 22, 24, 27.
Year ..	15 17·7		72 37·2		14621	

5. Lerwick. **1925.**

Month.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	
Day.	′	′	′	′	′	′	′	′	′	′	′	′	Day.
1	7·7	17·9	17·0	12·9	10·0	21·0	12·5	16·4	61·6	13·1	40·5	10·8	1
2	4·8	7·1	6·9	17·4	10·0	13·3	16·4	13·3	68·1	9·5	22·8	10·8	2
3	8·3	6·6	8·7	18·5	10·2	14·1	11·6	17·4	22·2	8·7	16·2	6·9	3
4	4·6	6·4	13·1	10·0	31·3	15·2	18·1	20·3	16·6	43·0	10·6	12·2	4
5	8·9	6·4	19·7	15·6	17·6	16·4	14·7	15·8	19·5	18·3	7·9	35·7	5
6	3·9	9·3	10·4	23·4	11·4	16·8	14·5	16·2	17·2	13·9	10·6	24·9	6
7	5·4	6·8	10·6	15·8	14·1	12·9	13·3	33·4	21·4	10·8	12·4	17·9	7
8	4·6	34·9	6·6	17·2	15·2	12·4	17·0	32·4	10·2	44·4	47·3	12·0	8
9	4·8	45·5	19·3	18·1	20·7	14·1	20·1	16·6	19·3	56·0	61·4	10·4	9
10	5·0	12·7	21·2	26·2	12·4	16·4	15·2	11·2	12·4	40·0	45·9	17·4	10
11	3·3	12·2	10·0	16·0	10·2	16·2	11·8	10·2	12·5	49·8	23·9	19·1	11
12	4·4	16·2	12·2	20·7	10·0	13·5	13·5	9·8	11·6	58·9	11·6	10·2	12
13	17·0	15·4	14·9	12·9	10·2	35·1	12·4	13·7	10·2	18·3	29·7	15·2	13
14	8·1	14·9	12·4	11·0	10·0	24·9	23·5	14·9	56·7	14·3	21·8	12·2	14
15	5·8	8·7	30·7	23·4	9·7	13·1	38·4	10·6	55·2	21·0	23·2	31·1	15
16	12·0	19·7	12·5	16·8	7·9	16·6	12·2	12·9	21·4	24·1	12·2	21·4	16
17	21·8	23·5	11·0	10·4	9·7	33·4	11·4	17·8	20·5	16·8	9·8	4·4	17
18	22·4	13·7	9·8	11·2	16·2	16·6	14·1	27·2	19·3	10·6	8·9	31·7	18
19	42·5	23·7	12·5	10·2	16·4	17·0	15·4	19·7	13·1	17·8	10·2	7·9	19
20	42·7	25·1	16·2	33·4	10·6	12·2	12·0	11·8	12·9	22·4	14·3	12·5	20
21	18·3	5·8	12·0	13·1	14·1	11·6	21·0	18·1	45·0	110·0	7·9	7·3	21
22	5·2	6·8	13·9	13·9	14·3	13·7	15·2	20·8	29·1	57·1	6·4	7·3	22
23	28·6	6·6	14·7	11·4	15·1	27·0	14·5	54·0	21·2	95·9	13·5	18·9	23
24	11·4	19·9	12·5	9·5	15·6	104·4	12·2	17·6	50·6	76·6	16·6	23·7	24
25	4·1	14·1	12·2	10·2	9·7	78·2	20·7	21·8	14·3	24·7	12·5	11·6	25
26	5·6	5·6	13·7	13·1	11·8	13·3	20·7	19·3	13·9	11·2	7·5	5·2	26
27	6·2	5·4	21·4	14·5	28·0	28·8	23·9	14·3	7·9	21·2	5·8	49·4	27
28	6·8	14·5	10·0	11·8	43·6	24·1	25·1	11·4	8·9	17·6	6·4	38·4	28
29	6·6	—	12·9	18·1	12·9	17·6	13·3	15·8	7·9	8·1	7·3	12·0	29
30	12·9	—	13·5	10·4	27·6	15·1	12·5	23·9	11·6	9·1	5·2	8·5	30
31	4·2	—	8·7	—	20·7	—	11·2	12·0	—	18·7	—	11·8	31
Mean	11·22	14·48	13·59	15·57	15·39	22·83	16·40	18·41	23·74	31·03	17·68	16·73	
No. of days used	31	28	31	30	31	30	31	31	30	31	30	31	

ABSOLUTE DAILY RANGES OF HORIZONTAL FORCE.

6. Lerwick. **1925.**

Month.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	Day.
1	12	57	31	59	55	141	141	96	394	56	169	38	1
2	17	15	44	63	53	120	84	71	341	53	33	39	2
3	42	29	28	92	60	227	62	177	122	47	36	18	3
4	17	25	44	56	361	86	81	102	77	133	62	30	4
5	50	24	49	85	228	73	85	74	85	96	29	105	5
6	22	26	35	97	65	131	78	77	79	68	35	229	6
7	34	42	44	84	77	83	59	172	148	47	42	82	7
8	11	85	28	78	70	73	67	163	59	239	165	42	8
9	12	146	15	101	104	88	90	118	74	470	500	30	9
10	12	39	100	217	69	98	147	85	48	414	391	67	10
11	14	29	32	87	66	84	86	61	37	156	199	95	11
12	18	30	37	82	63	73	61	54	57	154	43	28	12
13	44	37	37	60	63	207	70	52	58	195	54	35	13
14	17	34	40	67	56	105	187	66	974	183	560	35	14
15	22	33	119	99	59	87	324	41	435	84	55	81	15
16	72	45	49	69	52	150	65	70	116	72	31	59	16
17	55	10	62	59	48	120	35	79	145	58	45	25	17
18	65	35	44	87	96	73	56	114	87	41	52	59	18
19	320	57	53	62	76	70	86	81	46	52	32	21	19
20	262	56	68	108	53	68	53	67	65	63	44	54	20
21	49	19	43	71	73	60	154	91	374	696	27	26	21
22	16	18	51	86	71	83	154	259	113	389	27	22	22
23	49	27	63	79	93	146	114	252	86	812	37	35	23
24	52	54	48	75	65	>681	92	95	479	429	—	42	24
25	18	42	38	67	66	>650	114	84	73	70	—	25	25
26	27	25	48	63	82	98	123	82	53	59	42	21	26
27	17	26	59	90	159	155	132	60	45	65	24	390	27
28	24	63	43	61	237	388	170	68	35	31	23	150	28
29	27	—	58	66	100	101	85	73	33	43	25	32	29
30	27	—	49	50	357	130	82	80	48	43	16	58	30
31	60	—	42	—	226	—	64	103	—	55	—	40	31
Mean	47·9	40·3	48·4	80·7	106·5	155·0	103·3	98·9	159·5	173·3	99·9	64·9	
No. of days used	31	28	31	30	31	30	31	31	30	31	28	31	

DIURNAL INEQUALITIES OF THE MAGNETIC DECLINATION.

Departures from mean of the day adjusted for non-cyclic change.

DECLINATION (*All Days except Jan.* 25, 30, 31; *Mar.* 1, 9, 11, 12).

7. Lerwick. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan. ...	−0·52	−0·12	−0·10	−0·06	−0·23	−0·64	−0·79	−0·83	−1·08	+0·06	+1·16	+2·28	**+3·03**	+2·72	+2·20	+1·64	+1·20	+0·85	0·00	−1·58	−2·16	**−3·05**	−2·43	−1·54
Feb. ...	−2·32	−1·78	−1·56	−1·60	−1·45	−0·91	−0·89	−1·12	−1·47	−0·19	+1·35	+3·20	+4·00	**+4·34**	+3·53	+2·41	+1·93	+1·64	+1·02	−0·62	−1·76	−2·07	−2·86	**−2·86**
Mar. ...	−1·66	−1·41	−1·25	−1·68	−2·26	−2·32	−2·78	**−3·20**	−2·70	−0·46	+2·34	+4·79	**+5·96**	+5·87	+4·18	+2·43	+·093	+0·31	+0·07	−0·66	−1·22	−1·79	−1·62	−1·87
April ...	−0·44	−1·20	−1·52	−2·26	−2·59	−3·13	−3·92	**−4·32**	−3·20	−0·68	+2·20	+4·88	**+6·50**	+6·10	+4·71	+2·97	+1·81	+0·35	−0·31	−1·02	−1·24	−1·52	−1·00	−1·16
May ...	−1·81	−1·72	−1·78	−3·22	−3·59	**−4·09**	−3·98	−3·98	−2·51	−0·39	+2·49	+4·69	**+5·64**	+5·31	+4·30	+3·17	+2·22	+0·75	−0·12	−0·08	−0·02	+0·02	−0·64	−0·68
June ...	−2·39	−2·47	−3·05	−3·86	−4·52	−4·15	**−4·63**	−4·46	−2·97	−0·91	+1·76	+4·92	**+6·56**	+6·52	+5·00	+3·51	+2·47	+2·03	+1·54	+1·25	+0·50	−0·73	−1·49	−0·44
July ...	−2·22	−1·76	−1·45	−2·80	−5·02	**−5·44**	−5·04	−4·77	−3·59	−1·29	+1·66	+4·50	+6·04	**+6·25**	+5·67	+4·23	+2·64	+1·79	+0·89	+1·00	+0·37	−0·15	−0·69	−0·83
Aug. ...	−1·83	−1·91	−2·45	−3·07	−3·72	−4·34	**−4·88**	−4·38	−2·41	+0·15	+3·09	+5·52	**+7·12**	+6·58	+4·65	+2·93	+1·51	+1·04	+0·44	0·00	−0·02	−0·66	−1·56	−1·79
Sept. ...	−2·10	−2·07	−2·49	−2·10	−2·70	−2·47	**−3·28**	−2·72	−0·23	+1·97	+4·34	+6·12	**+6·43**	+5·42	+3·57	+1·58	−0·35	−0·37	−0·71	−1·12	−1·22	−2·07	−1·72	−1·72
Oct. ...	−3·20	−2·88	−2·22	−2·34	−0·98	−1·04	−1·10	−1·68	−1·58	+0·37	+2·74	+5·11	+6·08	**+6·23**	+5·06	+4·05	+2·49	+1·12	+0·17	−1·47	−2·49	−3·88	**−4·36**	−4·21
Nov. ...	−1·54	−0·89	−1·20	−1·60	−0·54	−0·35	−0·46	−0·97	−1·10	+0·39	+2·24	+3·82	**+4·30**	+4·19	+3·51	+2·68	+1·74	+0·87	−0·95	−1·70	−2·07	−3·47	**−3·72**	−3·18
Dec. ...	−2·08	−1·83	−0·98	−1·37	−1·37	−1·20	−0·73	+0·08	−0·46	−0·08	+1·39	+2·55	+3·53	**+3·67**	+2·76	+2·47	+1·89	+2·18	+0·95	−0·60	−2·12	**−3·61**	−2·78	−2·24
Year ...	−1·84	−1·67	−1·67	−2·16	−2·41	−2·51	**−2·71**	−2·70	−1·94	−0·09	+2·23	+4·37	**+5·43**	+5·27	+4·09	+2·84	+1·71	+1·05	+0·25	−0·55	−1·12	−1·91	−2·07	−1·88
Winter ...	−1·61	−1·15	−0·96	−1·16	−0·90	−0·77	−0·72	−0·71	−1·03	+0·05	+1·53	+2·96	+3·71	**+3·73**	+3·00	+2·30	+1·69	+1·39	+0·25	−1·13	−2·03	**−3·05**	−2·95	−2·45
Equinox ...	−1·87	−1·89	−1·87	−2·09	−2·13	−2·24	−2·77	**−2·98**	−1·93	+0·30	+2·91	+5·23	**+6·24**	+5·91	+4·38	+2·76	+1·22	+0·35	−0·19	−1·07	−1·54	−2·31	−2·17	−2·24
Summer ...	−2·06	−1·97	−2·18	−3·24	−4·21	−4·51	**−4·63**	−4·40	−2·87	−0·61	+2·25	+4·91	**+6·34**	+6·17	+4·91	+3·46	+2·21	+1·40	+0·69	+0·54	+0·21	−0·38	−1·09	−0·93

DECLINATION (*Quiet Days*).

8. Lerwick. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan. ...	−0·08	+0·15	+0·21	+0·37	−0·58	−0·68	−0·83	−1·39	**−1·54**	−0·31	+0·60	+1·31	+1·95	**+2·10**	+1·70	+1·16	+0·52	+0·15	−0·23	−0·73	−1·22	−1·27	−0·93	−0·44
Feb. ...	−0·17	+0·10	−0·12	−0·62	−0·95	−1·12	−1·47	−1·68	**−1·91**	−0·73	+0·85	+2·45	**+3·25**	+3·13	+2·22	+1·10	+0·46	−0·04	−0·41	−0·62	−0·77	−1·06	−1·18	−0·75
Mar. ...	−0·73	−0·97	−1·14	−1·16	−1·56	−1·83	−2·03	**−2·45**	−2·28	−0·71	+1·79	+3·80	**+4·61**	+4·27	+2·74	+1·25	+0·41	−0·14	−0·37	−0·50	−0·48	−0·73	−0·81	−0·98
April ...	−0·31	−0·56	−1·25	−1·66	−2·41	−3·22	−4·28	**−4·84**	−3·82	−1·22	+1·29	+3·30	**+4·46**	+4·42	+3·32	+2·18	+1·51	+0·95	+0·60	+0·50	+0·52	+0·17	+0·42	−0·06
May ...	−0·12	−0·79	−1·72	−2·24	−3·51	−4·01	**−4·23**	−3·92	−2·82	−1·20	+1·52	+3·59	**+4·19**	+3·98	+3·20	+2·30	+1·45	+1·12	+0·81	+0·73	+0·56	+0·56	+0·50	+0·04
June ...	−1·60	−1·83	−2·07	−3·42	−4·65	**−5·15**	−4·92	−5·04	−3·24	−0·81	+2·14	+5·15	+6·70	**+6·72**	+5·13	+3·30	+2·14	+1·14	+0·52	−0·17	−0·21	+0·64	−0·14	−0·33
July ...	−0·81	−1·52	−2·41	−3·34	−4·46	**−5·23**	−5·21	−4·79	−2·99	−1·00	+1·95	+4·01	+5·48	**+5·96**	+5·04	+3·49	+2·07	+1·22	+0·89	+0·81	+0·44	+0·50	+0·25	−0·35
Aug. ...	−0·79	−0·91	−1·85	−2·43	−3·34	−4·05	−4·52	**−4·61**	−3·03	−0·69	+1·43	+3·57	**+5·17**	+4·83	+3·76	+2·18	+1·20	+0·89	+1·02	+1·20	+1·08	+0·29	+0·06	−0·44
Sept. ...	−0·75	−0·75	−1·52	−1·70	−2·20	−3·17	**−4·09**	−4·09	−2·01	+0·52	+3·38	+5·08	**+5·78**	+4·23	+2·43	+0·58	−0·39	−0·12	+0·04	+0·23	−0·21	−0·37	−0·21	−0·64
Oct. ...	−1·14	−1·10	−1·74	−1·64	−1·68	−2·01	−1·97	**−2·97**	−2·84	−1·04	+1·31	+3·45	**+4·42**	+4·03	+3·22	+1·95	+0·98	+0·46	+0·42	+0·27	+0·12	−0·62	−0·73	−1·18
Nov. ...	−0·91	−0·68	−0·31	−0·31	−0·31	−0·56	−0·64	−1·10	−1·22	−0·14	+1·47	+2·45	+2·74	**+2·76**	+1·68	+1·18	+0·83	+0·48	−0·31	−0·73	−1·24	−1·33	**−1·91**	−1·91
Dec. ...	−1·39	−1·39	−0·64	−1·51	**−1·72**	−1·56	−1·25	−1·14	−1·04	−0·21	+0·75	+1·64	+2·91	**+3·45**	+2·55	+1·76	+1·18	+1·10	+0·87	+0·23	−0·75	−1·16	−1·31	−1·37
Year ...	−0·73	−0·85	−1·21	−1·64	−2·28	−2·72	−2·95	**−3·17**	−2·39	−0·63	+1·54	+3·32	**+4·30**	+4·16	+3·08	+1·87	+1·03	+0·60	+0·32	+0·10	−0·18	−0·37	−0·50	−0·70
Winter ...	−0·64	−0·45	−0·21	−0·52	−0·89	−0·98	−1·05	−1·33	**−1·43**	−0·35	+0·92	+1·96	+2·72	**+2·86**	+2·04	+1·30	+0·75	+0·42	−0·02	−0·46	−0·99	−1·21	−1·33	−1·12
Equinox ...	−0·73	−0·85	−1·41	−1·54	−1·96	−2·56	−3·09	**−3·59**	−2·74	−0·61	+1·94	+3·91	**+4·81**	+4·24	+2·93	+1·49	+0·63	+0·29	+0·17	+0·13	−0·01	−0·39	−0·33	−0·71
Summer ...	−0·83	−1·26	−2·01	−2·86	−3·99	−4·61	**−4·72**	−4·59	−3·02	−0·93	+1·76	+4·08	**+5·39**	+5·37	+4·28	+2·82	+1·71	+1·09	+0·81	+0·64	+0·47	+0·50	+0·17	−0·27

DECLINATION (*Disturbed Days*).

9. Lerwick. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan. ...	−1·83	−0·52	−1·22	+0·02	+1·02	−1·49	−1·22	+0·02	−0·66	+0·69	+1·79	+3·30	**+4·34**	+4·05	+3·24	+3·74	+3·78	+3·72	+2·26	−1·68	−4·38	**−8·94**	−6·00	−4·07
Feb. ...	−5·35	−3·26	−2·97	−3·57	−3·24	+0·41	+1·58	+1·52	−0·19	+0·91	+2·41	+4·48	+4·46	**+4·88**	+4·13	+3·18	+2·66	+2·26	+1·78	−0·83	−1·78	−2·41	−4·34	**−6·72**
Mar. ...	−2·43	−1·51	−1·87	−3·86	−3·96	−3·74	−4·05	−2·66	−1·29	+1·31	+4·15	+6·66	+8·13	**+9·23**	+5·96	+3·80	−0·10	+1·54	+0·97	−1·41	−4·00	**−5·15**	−2·74	−2·97
April ...	+0·62	−1·66	−2·82	−3·65	−3·26	−4·03	−4·36	−4·25	−3·28	−0·17	+3·26	+6·97	**+8·61**	+7·33	+6·33	+5·04	+3·34	+1·10	−0·39	−3·13	**−4·67**	−4·00	−0·25	−2·68
May ...	**−7·18**	−4·00	−0·85	−5·64	−3·22	−2·55	+0·02	−0·73	−1·22	+1·02	+4·09	+6·12	**+6·91**	+6·54	+4·69	+2·62	+1·72	−1·89	−3·15	−1·70	−0·85	+0·60	−1·43	+0·06
June ...	**−7·20**	−3·65	−5·23	−4·25	−3·98	−1·97	−5·15	−3·49	−2·72	−1·12	+2·08	+5·52	+7·43	**+7·47**	+6·81	+5·44	+2·62	+2·74	+3·76	+2·80	+2·14	−3·13	−6·60	−0·35
July ...	**−6·54**	−3·38	+2·68	+0·14	−6·43	−6·04	−3·07	−1·52	−2·14	+0·25	+2·53	+4·88	+5·73	+5·50	**+5·81**	+3·72	+0·95	+1·72	+0·41	+1·14	−0·60	−2·07	−1·91	−1·76
Aug. ...	**−7·06**	−5·96	−3·05	−1·95	−1·08	−1·79	−3·44	−1·79	+0·06	+2·51	+3·98	+6·20	**+9·38**	+8·84	+5·08	+3·53	+2·01	+1·91	−0·54	−1·52	−2·78	−2·72	−3·20	−6·58
Sept. ...	**−7·97**	−2·72	−1·87	−1·58	−1·93	−0·39	−1·97	+0·73	+3·51	+4·61	+5·77	+7·51	**+7·86**	+6·35	+5·02	+2·51	−1·16	+0·27	−1·24	−4·21	−4·61	−4·77	−3·11	−6·62
Oct. ...	−7·99	−8·47	−2·12	−4·71	+1·24	+2·10	+1·81	+0·31	+0·79	+2·80	+5·10	+6·77	+7·33	+7·82	**+7·89**	+7·06	+6·48	+2·80	−0·73	−4·48	−5·25	−7·04	**−10·04**	−9·48
Nov. ...	−1·47	+0·50	−1·87	−3·01	+2·43	+4·21	+4·09	+2·57	+1·35	+1·93	+3·96	**+5·79**	+5·31	+5·33	+5·71	+5·38	+3·20	+0·97	−4·71	−7·14	−5·81	−10·23	**−10·34**	−8·14
Dec. ...	−2·61	−1·58	−1·35	−2·51	−2·20	−2·01	−1·43	+3·71	+0·21	−1·93	+0·46	+2·32	+3·44	+4·01	+3·40	**+5·62**	+3·17	+4·88	+3·11	−2·20	−3·61	**−5·46**	−4·23	−3·20
Year ...	**−4·75**	−3·02	−1·88	−2·88	−2·05	−1·44	−1·43	−0·47	−0·47	+1·07	+3·30	+5·54	**+6·58**	+6·45	+5·34	+4·30	+2·39	+1·83	+0·13	−2·03	−3·02	−4·61	−4·52	−4·38
Winter ...	−2·81	−1·21	−1·85	−2·27	−0·50	+0·28	+0·75	+1·95	+0·18	+0·40	+2·15	+3·97	+4·39	**+4·57**	+4·12	+4·48	+3·20	+2·96	+0·61	−2·96	−3·89	**−6·76**	−6·23	−5·53
Equinox ...	−4·44	−3·59	−2·17	−3·45	−1·98	−1·51	−2·14	−1·47	−0·07	+2·14	+4·57	+6·98	**+7·98**	+7·68	+6·30	+4·60	+2·14	+1·43	−0·35	−3·31	−4·63	−5·24	−4·03	**−5·44**
Summer ...	**−6·99**	−4·25	−1·61	−2·93	−3·68	−3·09	−2·91	−1·88	−1·51	+0·67	+3·17	+5·68	**+7·86**	+7·09	+5·60	+3·83	+1·83	+1·12	+0·12	+0·18	−0·52	−1·83	−3·29	−2·16

DIURNAL INEQUALITIES OF THE HORIZONTAL MAGNETIC FORCE.

Departures from mean of the day adjusted for non-cyclic change.

HORIZONTAL FORCE (*All Days except Jan.* 25, 30–31 ; *Feb.* 17, 18 ; *Mar.* 1, 8, 9, 10, 11, 12).

10. Lerwick. **1925.**

Month and Season.	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	−4·0	−2·2	−0·2	+2·5	+5·3	**+7·2**	+5·5	+3·5	+0·9	−2·8	−5·2	**−6·0**	−3·5	−0·2	+1·1	+0·9	+1·4	+3·9	+4·6	+2·8	−1·0	−4·3	−5·0	−4·9
Feb. ...	−1·0	−0·9	+0·4	+4·0	**+5·5**	+5·3	+4·6	+4·0	+0·3	−5·8	−10·0	**−11·1**	−9·5	−5·5	−0·5	+2·4	+3·8	+3·5	+3·4	+2·8	+1·7	+1·1	+0·5	+0·9
Mar. ...	+5·2	+5·0	+3·9	+4·6	+6·7	+7·8	+5·9	+0·6	−8·1	−18·9	**−24·7**	−24·5	−18·4	−9·6	−2·5	+2·4	+5·6	+8·5	**+9·3**	+8·9	+8·9	+7·8	+7·9	+7·8
April ...	+4·8	+1·3	+0·1	+4·4	+6·1	+7·8	+5·2	−3·9	−17·0	−30·2	**−34·5**	−32·1	−23·0	−10·9	−1·4	+8·5	+14·6	+19·2	**+20·6**	+16·9	+14·3	+11·7	+9·2	+8·1
May ...	−2·6	−3·7	−1·8	−1·4	−1·6	−3·2	−8·9	−13·3	−21·7	−28·3	**−29·1**	−22·2	−14·3	−3·5	+5·8	+15·1	+24·1	**+32·6**	+31·1	+23·3	+15·3	+8·1	+3·8	−3·8
June ...	−12·4	−9·3	−3·2	−3·6	−5·8	−10·3	−12·9	−20·7	−27·8	**−31·[illegible]**	−30·6	−21·8	−14·9	+2·1	+17·3	+29·6	+38·3	**+43·0**	+40·1	+30·6	+16·7	+11·9	−6·2	−18·8
July ...	−0·7	0·0	−6·1	−5·0	+0·2	−3·2	−8·9	−15·8	−23·9	−29·2	**−30·3**	−26·2	−14·7	−5·7	+4·3	+15·4	+26·9	**+34·5**	+33·7	+26·3	+17·4	+9·6	+4·5	−3·1
Aug. ...	−2·8	−2·6	−4·1	−3·0	−2·3	−5·7	−8·4	−17·4	−29·2	**−34·1**	−31·7	−21·8	−10·5	+5·1	+14·6	+19·8	+23·1	+27·0	**+29·5**	+22·2	+17·3	+10·0	+5·1	−0·2
Sept. ...	−2·3	−7·6	−7·9	−3·8	−0·9	−2·8	−10·0	−15·1	−21·1	**−24·0**	−23·4	−17·3	−6·9	+1·7	+10·1	+20·0	+22·4	+24·1	**+24·8**	+24·2	+11·5	−4·6	+4·8	+3·9
Oct. ...	−12·5	−6·2	−3·4	+1·2	0·0	+6·6	+4·0	−1·5	−6·3	−15·0	**−17·8**	−15·9	−8·2	+0·6	+10·4	+19·5	+20·7	**+29·5**	+20·3	+5·9	−3·3	−9·5	−7·7	−11·5
Nov. ...	−11·6	−8·2	**−12·9**	−2·0	+2·1	+5·4	+8·7	+6·0	0·0	−6·3	−11·1	−10·4	−7·6	−1·4	+3·7	+10·9	**+15·3**	+12·4	+10·9	+6·7	+0·6	−0·3	−0·4	−10·4
Dec. ...	−0·1	−1·1	−1·3	+0·7	+3·4	+4·4	+2·7	−1·9	−5·9	**−9·8**	−9·6	−8·5	−6·1	−3·0	+1·5	+4·4	+4·6	+8·0	**+9·3**	+8·7	+1·6	−0·6	−1·6	+0·3
Year ...	−3·3	−3·0	−3·0	−0·1	+1·6	+1·6	−1·0	−6·3	−13·3	−19·6	**−21·5**	−18·1	−11·5	−2·5	+5·4	+12·4	+16·7	**+20·5**	+19·8	+14·9	+8·4	+3·4	+1·2	−2·6
Winter ...	−4·2	−3·1	−3·5	+1·3	+4·1	+5·6	+5·4	+2·9	−1·2	−6·2	−9·0	**−9·0**	−6·7	−2·5	+1·5	+4·7	+6·3	+6·9	**+7·1**	+5·3	+0·7	−1·0	−1·6	−3·5
Equinox ...	−1·2	−1·9	−1·8	+1·6	+3·0	+4·9	+1·3	−5·0	−13·1	−22·0	**−25·1**	−22·5	−14·1	−4·5	+4·1	+12·6	+15·8	**+20·3**	+18·7	+14·0	+7·9	+1·3	+3·5	+2·1
Summer ...	−4·6	−3·9	−3·8	−3·3	−2·4	−5·6	−9·8	−16·8	−25·7	**−30·7**	−30·4	−23·0	−13·6	−0·5	+10·5	+20·0	+28·1	**+34·3**	+33·6	+25·6	+16·7	+9·9	+1·8	−6·5

HORIZONTAL FORCE (*Quiet Days*).

11. Lerwick. **1925.**

Month and Season.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	−1·5	−1·3	+0·3	+2·6	+3·5	+4·0	**+4·8**	+2·6	0·0	−3·5	−5·1	**−5·8**	−3·4	−1·6	−1·7	−0·2	+0·5	+2·0	+1·5	+0·9	−0·5	+1·0	+0·9	+0·2
Feb. ...	+1·5	+1·8	+1·9	+3·6	+4·4	+4·6	**+5·3**	+4·5	−0·3	−6·3	−12·4	**−13·0**	−9·0	−5·0	−2·5	0·0	+1·8	+2·5	+3·3	+3·4	+2·1	+1·6	+3·9	+2·3
Mar. ...	+6·0	+4·9	+4·6	+4·5	+5·3	+6·3	+4·2	+1·1	−4·8	−15·4	−21·8	**−23·0**	−19·2	−9·9	−2·6	+0·4	+4·2	+6·7	+8·3	**+9·0**	+8·7	+7·2	+7·7	+7·6
April ...	+8·9	+6·4	+5·1	+5·0	+5·6	+6·5	+3·9	−4·1	−16·2	−28·8	**−33·4**	−30·5	−22·1	−11·2	−2·5	+6·3	+7·4	+12·6	**+15·2**	+14·8	+13·8	+13·8	+11·9	+11·6
May ...	+4·8	+4·1	+3·7	+4·2	+3·5	+0·6	−3·0	−11·1	−18·9	−25·1	**−27·4**	−24·0	−16·6	−9·7	−4·6	+4·6	+13·6	+19·9	**+20·5**	+18·7	+14·3	+11·7	+9·5	+6·9
June ...	+2·7	+3·1	+3·6	+3·5	+3·0	−1·3	−9·3	−18·1	−29·2	−34·2	**−35·7**	−28·4	−18·3	−7·9	+2·8	+13·4	+23·1	**+30·0**	+30·0	+26·1	+17·4	+11·1	+7·2	+5·3
July ...	+5·6	+5·7	+3·0	+3·6	+2·2	−1·0	−3·5	−7·7	−20·7	−27·7	**−30·3**	−25·0	−14·2	−6·3	−1·7	+7·2	+13·2	+16·7	**+21·0**	+15·8	+15·9	+12·2	+9·0	+7·1
Aug. ...	+4·5	+3·6	+4·2	+3·4	+0·4	−2·4	−7·0	−14·7	−22·0	−28·0	**−31·9**	−27·7	−16·0	−3·4	+6·8	+10·6	+13·9	+17·9	**+22·7**	+21·0	+16·0	+12·3	+9·5	+6·3
Sept. ...	+10·6	+11·7	+9·6	+8·5	+6·8	+3·9	−0·1	−8·4	−17·7	−25·2	**−27·2**	−25·0	−17·1	−11·4	−0·4	+5·8	+5·7	+9·7	+11·3	**+12·0**	+10·4	+8·9	+9·0	+8·6
Oct. ...	+5·7	+5·8	+5·5	+5·5	+5·6	+7·0	+1·6	−1·9	−10·6	−20·5	**−25·8**	−23·6	−16·7	−9·6	−3·6	+2·6	+6·4	+9·0	+10·7	**+10·9**	+10·0	+9·3	+9·3	+7·4
Nov. ...	+0·1	+0·5	−0·3	+2·4	+3·3	+4·0	+1·8	+0·7	−4·3	−9·3	**−13·3**	−12·2	−9·6	−5·2	−1·4	+1·7	+4·8	+6·4	**+6·9**	+6·4	+5·9	+4·7	+4·1	+1·8
Dec. ...	+1·4	−0·7	+0·1	+1·1	+3·3	+3·1	+2·3	−0·5	−3·5	−5·3	−8·1	**−9·0**	−6·8	−4·0	−3·1	+0·6	+3·8	**+5·4**	+4·7	+3·2	+3·2	+3·0	+3·8	+2·1
Year ...	+4·2	+3·8	+3·4	+4·0	+3·9	+2·9	+0·1	−4·8	−12·3	−19·1	**−22·7**	−20·6	−14·1	−7·1	−1·2	+4·4	+8·2	+11·6	**+13·0**	+11·9	+9·8	+8·1	+7·1	+5·6
Winter ...	+0·4	+0·1	+0·5	+2·4	+3·6	+3·9	+3·5	+1·8	−2·0	−6·1	−9·7	**−10·0**	−7·2	−3·9	−2·2	+0·5	+2·7	+4·1	**+4·1**	+3·5	+2·7	+2·6	+3·2	+1·6
Equinox ...	+7·8	+7·2	+6·2	+5·9	+5·8	+5·9	+2·4	−3·3	−12·3	−22·5	**−27·1**	−25·5	−18·8	−10·5	−2·3	+3·8	+5·9	+9·5	+11·4	**+11·7**	+10·7	+9·8	+9·5	+8·8
Summer ...	+4·4	+4·1	+3·6	+3·7	+2·3	−1·0	−5·7	−12·9	−22·7	−28·7	**−31·8**	−26·3	−16·3	−6·8	+0·8	+8·9	+15·9	+21·1	**+23·5**	+20·4	+15·9	+11·8	+8·8	+6·4

HORIZONTAL FORCE (*Disturbed Days*).

12. Lerwick. **1925.**

Month and Season.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	−14·7	−8·1	−3·2	+3·6	+9·4	+10·9	+5·3	+4·7	+4·9	+1·7	+2·0	+1·8	+5·0	+10·1	+9·2	+6·2	+7·5	+15·2	**+19·9**	+4·9	−11·6	−25·9	**−30·5**	−28·6
Feb. ...	**−14·3**	−11·8	−4·3	+7·0	**+10·2**	+2·3	+0·3	+1·8	0·0	−3·0	−6·3	−11·2	−8·7	−3·0	+3·9	+8·7	+7·6	+7·6	+5·5	+3·8	+2·8	**+3·4**	−1·8	−0·4
Mar. ...	+0·9	+1·7	+7·7	+5·3	+10·2	+9·4	+7·8	−3·2	−2·7	−7·2	−22·4	**−31·8**	−22·0	−7·7	−7·1	+1·3	+7·2	+4·9	+3·8	+3·6	**+11·7**	+11·4	+9·8	+7·6
April ...	−4·2	−10·4	−18·4	+0·5	+6·8	+11·4	+10·3	−1·8	−18·0	−29·1	−34·4	**−38·0**	−29·0	−8·2	+1·3	+16·8	+21·2	+29·4	**+30·7**	+20·7	+19·7	+6·7	+8·8	+7·2
May ...	−19·8	−25·8	−4·6	−8·9	−9·7	−9·6	−20·7	−8·0	−20·3	**−33·8**	−33·2	−17·0	−5·9	+10·3	+33·3	+39·1	+46·7	**+56·7**	+46·0	+29·4	+13·3	−10·5	−15·4	−31·4
June ...	−40·4	−46·0	−0·8	−1·7	+0·3	−15·7	−15·2	−30·3	−34·6	−33·6	−29·5	−17·4	−15·9	+16·5	+41·3	+69·2	**+79·8**	+77·0	+58·2	+40·0	+7·0	+26·1	−46·9	**−87·6**
July ...	+3·4	+11·8	−26·7	−21·4	+11·3	+7·2	−11·1	−22·5	−21·6	−28·2	**−31·9**	−28·6	−9·6	−2·1	+9·8	+18·4	+33·8	+40·1	**+41·1**	+27·2	+13·1	+0·2	−6·4	−7·2
Aug. ...	−24·3	−12·7	−30·8	−30·7	−27·6	−25·5	−19·6	−28·7	**−43·3**	−42·5	−31·1	−8·4	+2·0	+37·5	+46·8	**+51·4**	+43·8	+44·0	+43·2	+34·0	+29·3	+13·2	−1·6	−18·2
Sept. ...	−16·3	−23·3	−33·1	−8·9	+0·4	−23·4	−54·1	−41·7	−30·2	−23·7	−15·4	−7·5	+6·6	+18·1	+36·6	+62·8	+67·6	+61·5	**+69·8**	+58·9	+2·0	**−76·7**	−15·2	−15·1
Oct. ...	−40·0	**−67·5**	−52·5	−25·4	−40·2	−12·3	−8·1	−11·6	+10·1	+2·8	+1·6	−2·7	+15·5	+35·5	+62·5	+82·1	+75·6	**+27·8**	+81·2	−9·1	−54·0	−65·9	−41·4	−64·0
Nov. ...	−65·3	−56·1	**−89·8**	−32·8	−15·4	+2·4	+27·6	+27·6	+17·3	+12·1	+7·5	+11·7	+11·8	+20·4	+26·3	+51·5	**+68·1**	+44·4	+27·8	+14·1	−17·3	−23·9	−14·5	−55·3
Dec. ...	−0·7	−3·5	−7·8	−3·6	+4·4	+4·4	−2·4	−23·5	−25·1	**−25·7**	−14·1	−9·8	−8·1	−5·3	+7·1	+14·7	+7·0	+26·9	+38·9	**+42·2**	+3·3	−13·5	−3·0	−3·0
Year ...	−19·6	−21·0	−22·0	−9·7	−3·3	−3·2	−6·7	−11·4	−13·6	−17·5	−17·3	−13·2	−4·9	+10·2	+22·6	+35·2	+38·8	**+44·6**	+38·8	+22·5	+1·6	−12·9	−13·2	**−24·7**
Winter ...	−23·7	−19·9	**−26·3**	−6·5	+2·1	+5·0	+7·7	+2·7	−0·7	−3·7	−2·7	−1·9	0·0	+5·5	+11·6	+20·3	+22·5	**+23·5**	+23·0	+16·3	−5·7	−15·0	−12·5	−21·8
Equinox ...	−14·9	−24·9	−24·1	−7·1	−5·7	−3·7	−11·0	−14·6	−10·2	−14·3	−17·7	−20·0	−7·2	+9·4	+23·3	+40·7	+42·9	**+55·9**	+46·4	+18·5	−5·1	**−31·1**	−9·5	−16·1
Summer ...	−20·3	−18·2	−15·7	−15·7	−6·4	−10·9	−16·7	−22·4	−29·9	−34·5	−31·4	−17·9	−7·3	+15·5	+32·8	+44·5	+51·0	**+54·5**	+47·1	+32·7	+15·7	+7·3	−17·6	**−36·1**

13. Lerwick. **1925.**

Date.		Month.
		January.
2	...	
3	...	
4	...	Moonlight.
11	...	
12	...	
14	...	
15	...	
16	♕	Glow 23·20–23·30: eclipsed by cloud.
17	...	
18	♕	Glow 19·00–00·40.
19	♕	19·00–23·50.*
24	...	
25	...	
26	...	
		February.
1	...	Moonlight.
2	...	Moonlight.
3	...	Moonlight.
5	...	
8	♕	Glow 21·05–22·00; eclipsed by cloud.
9	...	
10	...	
11	...	
12	...	
14	...	Rain.
15	♕	Glow 22·00–22·45; eclipsed by cloud.
17	♕	Glow 20·05–21·00; eclipsed by cloud.
18	...	
19	♕	18·53–00·55; auroral glow persisting till daybreak.*
20	...	
22	...	
27	...	
		March.
1	...	
5	...	Moonlight.
6	...	
7	...	Moonlight.
9	...	
11	...	
12	...	
13	...	Rain.
14	...	
16	...	
19	♕	Glow 20·25–20·30; eclipsed by cloud.
20	...	
21	...	
22	...	
23	...	
24	...	
25	...	
26	...	
27	...	
28	...	Rain.
29	...	
30	...	
31	...	Moonlight.
		April.
2	...	
3	...	
4	...	
10	...	
11	♕	Faint glow 21·40–22·07.
12	...	
14	...	
16	...	
17	...	
18	...	
19	...	
20	...	
24	...	
25	...	
26	...	
27	...	
29	...	
30	...	
		September.
1	...	Moonlight.
2	...	Moonlight.
3	...	Moonlight.
8	...	Moonlight.
9	...	
10	♕	Faint glow 21·00–22·00.
11	...	
12	♕	Glow 22·30–22·35.
14	♕	Glow visible through breaks in clouds: 21·35–21·55.
15	♕	Weak; 21·00–23·20.*
16	♕	Weak; 19·00–23·15.*
17	...	
18	...	
19	♕	Glow visible through breaks in clouds; 21·00–21·15.
22	♕	Brilliant: 20·15–00·20.*
24	♕	Weak; 20·10–22·30: eclipsed by cloud.*
25	...	
26	♕	Glow visible through breaks in clouds; 21·40.
29	♕	Moonlight: Glow; 20·30–20·50.
		October.
6	...	Moonlight.
7	...	Moonlight.
9	...	
10	...	
11	♕	Visible through breaks in clouds: 20·47–00·20.
12	♕	Visible through breaks in clouds: 20·52–20·54.
13	♕	Glow: 19·40–22·10.
14	♕	Faint glow 22·30–23·00.
15	♕	Glow 19·00–22·10.
16	♕	Glow 19·35–21·13; eclipsed by cloud.
18	...	
19	♕	Glow: 19·40–22·55: eclipsed by cloud.
23	♕	Visible through breaks in clouds: 21·20–21·30.
24	♕	Visible through breaks in clouds: 21·35–22·05.
28	...	Moonlight.
29	...	Moonlight.
		November.
4	♕	Glow 20·20–21·30: eclipsed by cloud.
5	...	Moonlight.
6	...	
7	...	
9	♕	Display 04·25–04·35: much Aurora: 17·45–23·30.*
10	♕	Visible through breaks in clouds: 19·00–22·58.
12	...	
14	♕	Visible through breaks in clouds: 19·35–23·45.
15	♕	Visible through breaks in clouds: 19·00–23·00.
16	♕	Visible through breaks in clouds: 22·00–23·17.
17	...	
21	...	
22	...	
23	...	
26	...	Moonlight.
27	...	Moonlight.
28	...	Moonlight.
		December.
1	...	Moonlight.
2	...	Moonlight.
3	...	Rain.
11	...	
12	...	Snow showers.
13	...	
14	...	
15	♕	Visible through breaks in clouds: 20·50–23·00.
17	...	
18	...	
19	...	
20	...	
21	...	Moonlight.
22	...	Moonlight.
23	...	
25	...	Moonlight.
27	...	Drizzle.
28	...	
31	...	Moonlight.

In the interests of brevity there have been omitted from the table above all dates on which the sky throughout the evening remained completely overcast and on which, therefore, no opportunity arose of determining whether or not aurora occurred. The nights on which aurora was actually seen are indicated by the symbol ♕. The nights on which aurora was not seen, despite at least an occasional interval of more or less clear sky, are indicated by the symbol ... ; in the latter case also, remarks on the weather are added to assist the reader in judging how far the fact of no observation of aurora may be taken as indicating that there was not actual aurora. An asterisk (*) after any date indicates that a full description is available of the auroral phenomena observed on the date in question.

14. Other Scottish Stations. **1925.**

Date.	Month.
	January.
16	D., G.C.
17	G.C.
19	B. 18h., G.C., Start Point, between N.W. and N.E., 17·45., Holburn Head 18·30–20·30, beam from E. to W. across sky at 20·30.
	February.
8	B., A.
11	Skerryvore, brilliant display.
19	B., Start Point, to N.W., 19·30; Monach huge white arch 22·00 to 01·30; Ardnamurchan, 21h. to 3h.
	March.
12	D.
13	G.C.
20	B.
	April.
15	G.C.

Date.	Month.
	August.
22	D. 24h.
23	Sumburgh Head, to N.; 22h. to 24h.
25	D. 24h.
26	D.
	September.
6	D.
15	Sumburgh Head, to N.; 22h. to 24h.
16	Stroma 20·30; Cantick Head 21h. to 23h.; Copinsay, from W. to N.E., 23h.
22	B., D., Auskerry 20·45; Copinsay 20·45; Kyleakin 12h.
24	A., Perth, Glas Island, to N.W., 2h. to 4 h., Skerryvore 3h. vivid display, Lismore 2h. to 4h.
	October.
8	A., Tod Head 18h. to 21h.; Maughold Head, to N., 21·25 to 22·15.
9	B., A., G.C., Edinburgh, Tod Head 21h. to 24h.; Ornsay, to N.W. & N., 20h. to 22h.; Kyleakin 21·00 to 22·30.
10	B.
11	D., A.

Date.	Month.
	October.
13	B., D.
15	D., Kyleakin 21h.
16	B.
19	B.
21	D. to zenith, A., G.C., Carnoustie, Ardross Castle, Tod Head 18h. to 20h.; Copinsay 18h.
22	D.
23	D., A., G.C., Arbroath 22h.; Maughold Head, from N.W. to N.E., 21·00 to 23·30.; Fort Augustus.
	November.
5	G.C.
8	D., Tod Head.
9	B. 17h., D., A., Boghall, G.C., Ford 20h.; Leuchars, Oban, 21h. to 23h.; Skerryvore, 22h. to 24h.; Tod Head, Sumburgh Head, to N., 21h. to 24h.; Rothesay, 20h. to 22h.; Arbroath, 18h. to 23h.; Glas Island, 19·30–22·00; Holy Island, to N., 17·30–00·30; Lismore, 01·00 to 02·30; McArthur Head, to N.W., 23h. to 1h.; Hyskier, 19h. to 24h.; Devaar, 20h. to 01·30 fine display, Ardnamurchan, 21h. to 1h.; Craibstone, 21·00.

Date.	Month.
	November.
10	B., D., A., G.C., Leuchars, Stroma, to N., 24h.; Tod Head, Ushenish, 18h. to 23h. brilliant display, Turnberry, 22h. to 23h. faint display, Ardnamurchan, 20·30 to 24·00; Glas Island, 19h. to 24h.; Holy Island, to N. & N.W., 17h. to 24h.; Kyleakin 20h. to 22h.; Lismore 23h. to 24h.; Arbroath.
11	A., Stroma, to N., 24h.
14	D., A.
16	A.
18	D.
21	Perth.
22	A., Perth.
26	B.
	December.
4	D.
17	D.
18	B.
19	D.

NOTE—For brevity, stations which figure frequently in the above Table are represented by their initials, viz., D—Deerness, B—Balta sound, A—Aberdeen, G.C.—Gordon Castle.

FOR OFFICIAL USE

M.O. 299
(Aberdeen)

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1925

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valentia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

ABERDEEN

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METEOROLOGICAL COMMITTEE

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1927

E

ABERDEEN OBSERVATORY.

Latitude	57° 10′ N.
Longitude	2° 6′ W.
G.M.T. of Local Mean Noon	12h. 8m.

Heights in metres above Sea-Level.

Barometer	26·0*
Rain-gauge	13·4*
Robinson Cup Anemograph	36*
Dines Tube Anemograph	21

Heights in metres above ground.

Thermometer Bulbs, North Wall Screen	12·5
Sunshine Recorder	20·7
Robinson Cup Anemograph	23
Dines Tube Anemograph	13

INTRODUCTION.

SITE.

The Observatory, which was established in 1868, is housed in the top floor of the Cromwell Tower of King's College in Old Aberdeen. The College lies on a plain gradually rising from the sea from which it is distant about 1 mile (1·6 km). There are no serious irregularities of surface in the vicinity excepting the two river valleys of the Don and the Dee. To the north, at a distance of about 1 km. the Don flows eastwards to the sea ; the Dee flows into the sea at a distance of about 3 km. to the south-east of the College. Between the College and the sea is a golf course covered for the most part with grass. Westwards is the High Street of the Old Town and beyond this there is another street. Further west grass pasture extends for about one kilometre. Southward are some open spaces beyond which the modern town is reached. The enclosure in which the Stevenson screen, the Beckley and check rain-gauges and the grass minimum thermometer are exposed, lies to the north-east of the Observatory at a distance of about 50 metres. The " North-wall " screen in which the recording thermometers are exposed is erected on the wall outside the north window of the uppermost story of the Observatory. The nature of the soil and sub-soil is loam and sand.

Plans showing the position of the Observatory relative to the City of Aberdeen, and the general arrangement of the College Buildings, and also photographs, will be found in the Introduction to the Observatories' Year Book 1923.

Change of value adopted for height of Station above Mean Sea Level.—Consequent upon a careful redetermination of the height of the Station above Mean Sea Level a new value has been adopted for this height for all purposes, as from the 1st January, 1925. The value for the station level is now 13·4 m., and that for the height of the barometer-cistern is 26·0 m., in place of the former values of 14·0 m. and 26·8 m. respectively.

METEOROLOGY.

The elements dealt with in the following tables are :—Atmospheric pressure, air temperature, humidity, rainfall, sunshine, wind speed and direction, earth temperature and minimum temperature on the grass, together with a diary of cloud and weather.

The instruments from which values of the above elements have been obtained and the methods of tabulating the records are described in the General Introduction to this volume. The following additional information refers especially to Aberdeen.

* These values differ slightly from those given in former years. See note above.

Pressure and Temperature.—The barograph, standard Kew barometer and thermograph are housed in the uppermost story of the Observatory. The pressure scale value of the barogram is 1 mm. on the paper = 0·85 mb., when the paper is at normal atmospheric humidity. In similar circumstances the time scale is 9·3 mm. = 1 hour. The records of the photobarograph are standardised by means of control readings taken from Fortin Standard Barometer M.O. 273.

The recording thermometers are placed in the North-wall screen already referred to. The scale value of the wet bulb thermograph record is 1° absolute = 3·20 millimetres on the paper; for the dry bulb thermograph the scale value varies slightly with the temperature, but is approximately 1° absolute = 3·4 millimetres. The time scale is 1 hour = 9·23 millimetres. Reading of the photothermograms is done by means of glass measuring scales, the records being standardised by control readings from Standard Thermometers M.O. 1698 (dry bulb) and M.O. 1697 (wet bulb). The heights of the barometer cisterns and of the bulbs of the thermometers are given at the top of the appropriate tables.

Rainfall.—The recording instrument in use is Beckley rain-gauge No. 2 with an area of 101·1 square inches (653 cm^2.). The procedure adopted in tabulating the records is similar to that described in the General Introduction and calls for no comment. Control is by check gauge M.O. 167.

Humidity.—On those occasions when the temperature of the wet bulb has been 273a or under, the relative humidity has been obtained from the records of a hair hygrograph. This instrument is accommodated in a small louvred screen which rests on top of the Stevenson screen and is securely fixed to it. The hygrograph is 11·6 metres below the level of the thermograph bulbs in the North-wall screen, and in using its records an appropriate adjustment is made.

Sunshine.—The sunshine recorder (Campbell Stokes type) is exposed on the small circular tower on the Observatory roof on which the Robinson Cup Anemograph is erected. It is rigidly held by lead flaps soldered to the lead roof. The exposure is excellent; the only obstruction is a flagpole to the east, of angular diameter about 1°, which may obstruct 0·1 hr. record about 7h between April and September. The "possible" duration of sunshine has been computed from the mean solar declination for the four years 1849, 1850, 1851 and 1852.

Wind Speed and Direction.—The Robinson Cup anemograph is erected on the top of a small cylindrical tower which rises about fifteen feet (4·6 m.) above the main square tower and about five feet (1·5 m.) above a smaller tower at the southwest corner of the main tower. The height of the cups above this smaller square tower (which may for the purpose be regarded as the "roof" of the building) is about 4 metres. Owing to the surrounding buildings the exposure of the instrument is a very gusty one, particularly towards south and west.

There is also in use a Dines Tube Anemograph which is mounted in a more open exposure in a field about ½ km. east of the Observatory. The speeds given in Tables 85–96 are those obtained from the Cup Anemograph, but the directions are taken from the records of the tube instrument, as are also the particulars of the highest gust each day and the annual table of distribution of wind speed given in Tables 97–98.

A careful analysis of simultaneous records of the two anemographs* has shown that the directions recorded by the two instruments differ only very slightly; but the values of velocity show considerable differences. Those recorded by the tube instrument exceed those recorded by the Cup Anemograph by between 10 and 30 per cent., depending upon the direction of the wind. This fact must therefore be borne in mind in using the values entered in Table 98 giving the annual distribution of wind speed. The monthly tables of hourly values are obtained from the Cup Anemograph velocities, in order to maintain continuity with previous years' publications.

* To be published later as a Geophysical Memoir.

Temperature in the Ground.—This is recorded by a thermometer (unnumbered), which is kept at a depth of 124 cm. (four feet). At Aberdeen the thermometer is carried in a slot near the end of a long bar of wood, about three inches (7·5 cm.) square in section. This bar fits closely into a wooden sleeve, sunk vertically into the earth, so that the bulb of the thermometer is at the required depth. The thermometer itself is enclosed in a glass tube, and its bulb is embedded in paraffin wax so as to render the thermometer insensible to sudden changes of temperature. This allows of its being drawn to the surface and read before the temperature of the bulb has time to change appreciably. As underground temperature changes very slowly, the loss of sensitiveness, resulting from the coating of wax, does not lead to inaccuracies in the determination of the temperature of the earth. The thermometer is read at 9h each morning.

Minimum Temperature on the Grass.—The grass minimum thermometer is exposed in the enclosure on two wooden pegs about 4 cm. above grass. It is set at 18h and read at 7h, the reading being entered to the day of observation.

Cloud.—In connection with the observations of cloud-forms it might be well to indicate the practice adopted at Aberdeen in dealing with the types Nimbus and Strato-cumulus in view of the fact that there exists among meteorologists some divergence of opinion upon these types, and also because suggestions have been made for a prospective modification in the definitions of the International Classification.

In the case of Nimbus it is the custom at Aberdeen to enter " Nb " on all occasions when the cloud layer from which rain is falling is obviously dense and has developed from A-St, even when no Fr-Nb is visible below it. This is done because it is not always certain to the observer whether the cloud layer is actually uniform low A-St developed as far as rain, or whether a slight mist-film exists below the ragged Fr-Nb., obscuring the latter from view, and thus giving it the appearance of a uniform featureless sheet. (It is probable that in future a suggestion will be made to extend the definition of A-St in the International Classification to include the dense rain-giving layer which develops from the normal A-St.)

On occasions when the low anticyclonic stratus degrades into drizzle or light rain, it is customary at Aberdeen to enter Nb-St (Nimbo-stratus). The entry " St " is reserved for the type of cloud found generally in dry anticyclonic weather.

The entry St-Cu includes only the cloud-forms as defined under that heading in the International Classification, though some of the entries might equally well have been termed A-Cu. It does not, however, include the bases of closed-up cumulus clouds, nor groups of cumulus arranged in lines.

Identification Numbers of Instruments used in 1925.

The following were the instruments actually in use during the year 1925 :—

Standard Fortin Barometer	M.O. 273
,, Dry Bulb Thermometer ..	M.O. 1698
,, Wet ,, ,, ..	M.O. 1697
Recording Beckley Raingauge	2
Control Raingauge	M.O. 167
Glass for ,, ...	M.O. 400
Hair Hygrograph	M.O. 35
Campbell-Stokes Sunshine Recorder ..	M.O. 32
Robinson Cup Anemograph	M.O. 50
Dines Tube ,, ,, ...	M.O. 1011
Earth Thermometer	—
Grass Minimum Thermometer	M.O. 17007

Review of Meteorological Results.

Pressure during the year 1925 was on the whole slightly below the normal, but varied irregularly from month to month. There was a large deficiency of about 15 mb. in February, which was succeeded by a large excess of 10 mb. in March. April and May were below normal, by 5 mb. and 8 mb., respectively, while December also showed a deficiency of 6 mb.

Rainfall during the year showed marked sympathy with the variations of pressure; those months of sub-normal pressure having an excess of precipitation, except in the case of December, which month, despite its deficient pressure, had only 60 per cent. of the normal rainfall. February, with its markedly low pressure, had double the normal rainfall, while both April and May had about 125 per cent. of their usual values. January, March, June and November, all of which were months of excess of pressure, showed considerable deficiencies in their rainfall, June having only half the normal quantity. The driest month was August with only 40 per cent. of the normal rainfall, though its pressure was almost exactly normal.

Temperature which was about 1·3a. and 0·6a. over the normal values in January and February respectively, became normal in March and April, but rose again in May and remained on an average about 1 a. above the normal during the whole period from May to August; it suffered a rather sharp decrease to 1·2a. below normal in September, reverting to a little above normal in October, then falling very sharply to a deficiency of a little over 2 a. during both November and December. It might therefore be said that a decidedly warm summer was followed by a very cold winter.

The summer warmth was not accompanied by an excess of sunshine, as might have been expected. On the contrary there was a deficiency of between 1 and 5 per cent. of the possible sunshine in all the months during this period, even the exceptionally dry August being markedly dull. October and November were, however, very much brighter than usual, an excess of as much as 10 per cent. of the possible being recorded in the latter month.

The records of wind call for no particular comment, except that on no occasion during the year did the hourly mean value reach gale force.

To sum up, the year 1925 at Aberdeen was marked by a dull wet spring, a warm but dull summer, and a cold but bright and dry winter.

Readings in millibars at exact hours, Greenwich Mean Time.

15. Aberdeen : H_b (height of barometer cistern above M.S.L.) = 26·0 metres. **January, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	982·8	983·0	983·6	983·2	984·5	985·4	985·9	986·4	986·0	984·8	983·3	981·3	977·5	972·9	971·5	970·3	969·2	967·2	965·6	965·1	965·3	964·4	963·6	963·4	976·5
2	963·3	964·8	965·4	967·1	968·8	971·3	972·1	972·9	972·2	970·9	969·3	965·6	963·1	959·7	958·7	960·1	960·9	963·2	965·6	968·5	969·7	971·2	971·5	971·8	**966·8**
3	971·4	970·6	969·9	970·0	971·5	973·9	975·9	977·7	978·6	979·1	979·2	979·3	978·8	979·0	978·9	980·2	981·7	982·3	982·5	983·3	983·9	984·8	985·5	985·9	978·2
4	985·6	985·3	985·9	985·6	985·1	984·9	984·8	985·2	985·8	987·0	987·9	989·1	990·0	990·9	992·1	993·2	994·4	995·2	996·0	996·4	996·6	996·8	996·9	996·9	990·1
5	997·1	997·2	997·2	997·4	997·8	998·6	999·4	000·3	000·9	001·4	001·9	002·0	002·0	002·0	002·2	003·0	003·4	003·7	004·1	004·3	004·7	005·5	007·0	009·0	001·5
6	010·6	011·9	013·4	015·1	016·0	017·0	018·2	019·3	020·8	021·5	022·2	022·0	021·7	021·4	020·8	020·4	019·7	018·8	018·2	017·2	016·4	015·7	015·1	014·7	017·7
7	014·2	014·2	014·0	013·8	014·1	013·7	013·9	014·3	014·6	015·1	015·1	015·5	015·6	015·5	015·9	015·9	015·6	016·0	016·1	016·0	016·2	016·0	016·0	015·7	015·1
8	015·5	015·3	014·9	013·9	013·4	012·6	012·5	011·7	011·1	010·4	009·7	008·0	007·1	005·1	003·8	002·8	001·6	001·0	000·3	999·3	998·7	998·2	997·7	997·5	007·1
9	998·3	999·9	002·2	003·6	005·4	007·3	009·6	010·9	012·3	013·7	015·2	015·4	016·5	017·5	018·4	019·2	019·9	020·3	020·4	020·4	020·4	020·1	019·5	019·1	013·1
10	018·8	018·2	017·5	016·9	017·1	017·0	017·1	017·2	016·9	017·5	017·6	017·1	017·4	017·2	016·9	017·0	017·3	017·2	017·7	018·4	018·8	018·5	018·8	018·7	017·6
11	018·5	018·7	018·7	019·0	019·4	019·5	020·1	020·2	020·4	020·9	021·3	021·5	021·4	021·4	021·1	021·1	020·7	020·6	020·4	020·1	020·3	020·1	020·3	020·2	020·2
12	020·1	020·1	019·9	019·7	019·5	019·2	019·1	018·8	018·9	019·2	019·0	018·3	017·5	017·2	017·1	016·9	016·8	016·2	016·0	015·8	015·4	014·9	014·5	013·7	017·8
13	012·7	011·8	010·8	010·4	009·0	009·2	008·5	007·2	007·5	007·3	007·3	007·5	007·6	006·8	006·7	006·3	005·5	004·4	002·7	001·2	999·3	997·8	995·9	994·8	006·2
14	993·7	992·7	990·9	989·4	986·9	985·9	986·1	988·4	990·7	992·9	995·8	997·3	998·0	998·9	999·7	000·6	001·6	002·9	003·6	004·3	004·7	005·1	004·9	005·1	996·5
15	005·3	005·1	005·2	005·5	006·0	006·1	007·5	008·9	010·2	012·0	013·6	014·3	015·5	016·5	017·0	018·1	019·2	020·3	021·2	021·5	022·1	022·0	021·3	021·8	013·7
16	021·8	021·3	021·4	021·4	021·4	021·0	021·3	021·4	022·1	022·4	022·9	022·9	022·9	022·7	022·8	023·3	023·7	023·6	023·6	023·2	023·3	023·3	022·8	023·0	022·5
17	022·9	022·6	022·5	022·0	021·6	021·4	021·2	021·0	020·8	020·6	020·0	019·2	018·6	018·4	017·3	017·0	017·7	017·9	018·1	018·3	018·6	018·7	019·2	019·5	019·9
18	019·7	020·3	020·5	020·7	020·9	020·8	020·5	020·1	020·3	020·4	020·7	020·8	021·3	021·1	021·8	022·7	024·5	025·7	027·2	028·6	029·7	030·6	031·7	032·8	023·2
19	033·6	034·6	035·5	035·9	036·4	037·1	037·9	038·5	039·4	040·2	040·5	040·4	040·0	039·6	039·3	039·1	039·0	038·9	038·3	037·7	037·3	036·4	035·7	035·5	**037·7**
20	034·8	034·1	033·5	033·1	032·4	031·9	031·8	031·7	032·0	032·2	032·0	031·4	031·0	030·4	030·4	030·5	030·6	030·5	030·4	030·3	029·9	029·6	029·5	029·2	031·5
21	028·5	027·8	027·0	026·5	026·0	025·3	024·6	024·8	024·8	024·6	024·4	023·7	023·3	022·9	023·2	023·0	022·9	022·7	022·1	022·7	022·6	022·5	022·4	022·2	024·3
22	022·2	021·9	021·5	021·2	021·1	020·7	020·8	020·4	020·5	020·3	019·9	019·3	018·3	017·6	016·9	016·5	016·4	016·1	015·8	015·5	015·0	014·7	014·2	013·4	018·5
23	013·0	012·6	012·4	011·8	011·7	011·4	011·2	011·0	011·1	011·0	010·9	010·7	010·4	010·5	010·8	011·2	011·8	012·4	013·1	013·4	014·1	014·8	015·5	015·8	012·1
24	016·6	017·5	018·3	019·2	020·2	021·1	022·0	022·8	023·5	024·5	025·0	025·3	025·7	026·0	026·3	026·7	027·3	028·0	028·4	028·8	029·3	029·5	029·9	030·0	024·4
25	030·0	030·2	030·6	030·7	031·0	031·6	032·3	033·0	033·8	034·3	035·0	035·1	035·2	035·3	035·5	035·4	035·9	036·5	036·7	036·7	037·2	037·3	037·5	037·6	034·2
26	037·5	037·4	037·2	037·0	037·0	037·0	036·9	036·9	036·9	036·9	036·7	036·3	035·7	035·2	034·8	034·4	033·8	033·4	033·2	033·0	032·6	032·2	032·0	031·5	035·4
27	030·8	030·2	029·3	028·6	027·8	027·3	027·1	026·7	026·3	025·9	025·4	024·4	023·7	022·8	022·5	021·9	021·5	021·3	020·8	020·1	019·3	018·7	017·9	017·5	024·4
28	016·9	016·1	015·3	014·7	014·1	013·6	013·2	012·7	012·3	011·7	011·3	010·8	009·9	009·1	008·5	008·2	007·7	007·4	007·0	006·6	006·0	005·4	004·9	004·3	010·6
29	003·5	002·9	002·0	001·5	999·8	997·3	995·4	992·2	988·8	985·5	985·2	984·4	984·2	984·8	985·6	986·5	987·0	987·7	988·2	988·6	989·2	989·8	990·5	991·2	991·6
30	992·1	992·8	993·1	993·8	994·9	995·3	995·7	996·4	997·0	997·3	997·1	996·7	996·2	995·6	994·5	993·6	992·4	991·4	990·1	988·9	987·3	984·9	983·5	983·5	992·8
31	985·6	988·3	989·9	991·8	992·9	994·8	995·6	995·9	996·7	996·9	997·1	997·1	996·6	996·5	996·2	995·9	995·9	996·0	996·1	996·2	996·7	997·9	999·0	999·7	994·9
Mean (Station level)	**1010·24**	1010·30	1010·31	1010·34	1010·44	1010·62	1010·91	1011·13	1011·39	1011·56	**1011·69**	1011·38	1011·05	1010·66	1010·56	1010·68	1010·83	1010·93	1010·95	1010·98	1010·99	1010·88	1010·80	1010·81	1010·84
Mean (Sea level)	**1013·48**	1013·55	1013·56	1013·59	1013·69	1013·87	1014·16	1014·38	1014·64	1014·81	**1014·93**	1014·61	1014·28	1013·89	1011·79	1013·91	1014·07	1014·17	1014·19	1014·22	1014·23	1014·12	1014·04	1014·05	1014·08

16. Aberdeen : H_b = 26·0 metres. **February, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	000·8	001·7	002·5	003·4	004·8	005·8	007·6	008·6	009·1	010·4	011·4	012·2	012·7	013·1	014·2	015·8	017·4	018·2	019·0	019·6	019·9	019·7	019·8	019·5	011·6
2	018·7	018·4	017·6	017·1	016·3	016·2	015·4	014·4	013·7	013·4	013·4	013·2	013·4	013·3	013·9	014·5	014·8	015·8	016·0	016·1	016·2	016·4	016·4	016·4	**015·5**
3	016·2	015·6	015·6	015·0	014·8	014·1	013·8	013·1	012·7	011·4	010·6	009·3	007·9	006·5	005·5	005·7	006·6	007·4	008·1	009·7	010·9	011·8	012·6	013·2	011·2
4	014·0	014·3	014·5	014·9	015·5	015·8	016·4	017·4	017·7	018·4	018·7	018·5	018·1	017·7	016·8	015·9	014·5	013·3	012·5	010·1	008·1	007·0	007·0	006·1	014·4
5	004·5	002·6	999·4	998·4	998·3	998·4	999·2	999·8	000·9	001·8	002·1	002·0	002·0	001·9	001·8	001·7	002·0	002·1	002·0	001·6	001·2	001·0	000·4	000·0	001·2
6	999·8	999·5	999·1	998·6	998·1	998·0	998·0	998·2	998·0	997·7	997·5	997·1	996·3	995·7	994·9	994·4	993·9	993·9	994·0	994·8	995·2	995·7	996·1	996·5	996·8
7	997·0	997·7	998·4	999·1	000·1	000·8	002·5	003·6	003·8	004·8	005·9	006·1	006·1	005·7	005·5	004·7	003·9	002·9	001·2	999·4	997·1	994·9	992·5	990·2	001·1
8	987·6	985·2	984·3	982·8	982·6	982·0	982·1	982·2	982·4	981·8	981·6	981·0	979·5	977·7	976·4	974·5	972·2	973·4	976·1	978·0	979·3	980·8	981·8	982·4	980·5
9	983·0	983·5	983·6	983·8	984·2	984·0	985·0	985·6	986·1	986·6	987·5	988·0	988·2	988·3	988·9	988·9	989·1	989·7	990·1	990·4	990·9	991·3	991·5	991·0	987·3
10	989·9	989·3	988·0	988·0	987·6	987·1	986·5	986·1	984·0	981·9	979·8	978·6	977·0	975·4	975·7	978·1	980·0	981·0	982·1	982·1	982·5	982·9	983·1	983·5	983·1
11	983·1	982·7	983·1	982·3	982·2	982·1	982·3	982·4	983·0	983·2	983·4	983·4	983·3	983·0	982·6	982·2	982·1	982·1	981·6	981·2	980·6	979·7	978·7	977·7	982·1
12	976·7	975·6	975·0	974·5	974·3	974·1	974·4	974·9	975·3	976·0	976·8	977·1	977·8	977·9	977·2	978·9	980·2	980·7	981·3	982·0	982·1	982·5	982·2	982·6	977·8
13	982·9	982·9	982·7	982·7	982·6	982·8	982·9	982·4	982·0	981·0	980·1	978·9	977·6	977·1	976·8	977·2	977·6	978·2	978·8	979·5	980·1	980·0	980·3	980·4	980·4
14	980·2	980·2	980·2	980·2	980·1	979·8	980·1	980·0	979·7	979·5	979·0	978·1	977·5	976·4	975·7	975·0	975·3	975·5	975·9	976·0	976·6	976·8	976·6	977·4	978·1
15	977·9	978·8	979·0	980·0	981·2	982·4	983·7	985·0	986·1	987·4	988·3	988·8	989·2	989·8	990·2	991·1	991·9	992·6	993·9	994·9	995·5	996·0	996·1	996·6	987·8
16	996·4	996·1	995·9	995·7	995·5	995·0	994·7	994·5	994·2	993·6	992·8	992·1	991·6	990·8	990·1	989·7	989·5	989·0	988·6	988·3	988·4	988·4	988·1	988·0	992·1
17	987·6	987·4	986·7	986·5	986·3	986·0	985·8	986·2	987·6	987·0	987·3	986·9	986·5	986·6	987·2	987·7	988·3	989·2	990·1	991·0	991·9	992·4	992·8	993·7	988·1
18	994·0	994·5	994·9	995·5	996·2	996·6	997·4	997·8	998·1	998·8	999·5	000·0	000·1	000·7	000·7	000·8	001·5	001·9	002·2	002·5	002·7	003·2	003·4	003·8	999·2
19	004·2	004·2	004·6	004·8	005·4	005·6	006·3	007·0	007·9	008·7	009·1	009·3	009·8	009·9	010·3	010·6	011·0	011·5	011·9	012·1	012·2	012·5	012·6	012·8	008·7
20	012·8	012·8	012·5	012·1	011·9	011·6	011·6	011·4	011·4	011·2	011·0	010·6	010·0	009·7	009·1	008·5	008·2	008·0	007·5	007·2	007·0	006·6	006·3	006·1	009·9
21	005·6	005·3	004·9	004·6	004·3	004·3	004·2	004·3	004·5	004·8	004·9	004·7	004·7	004·5	004·3	004·8	004·7	005·1	005·5	005·5	005·6	006·0	006·2	006·4	005·0
22	006·5	006·6	006·7	006·5	006·3	006·3	006·5	006·7	006·8	006·5	005·8	005·3	004·6	004·1	003·1	002·6	002·0	001·4	000·6	999·7	998·8	997·9	997·3	996·7	003·8
23	995·8	994·6	994·0	993·4	993·0	992·9	992·8	992·9	993·1	993·2	993·0	992·9	992·7	992·9	993·0	993·1	993·2	993·8	994·3	994·3	994·5	994·8	994·4	994·3	993·7
24	993·9	993·4	992·9	992·7	992·8	992·7	992·6	992·5	991·9	991·1	990·4	989·7	988·9	988·0	987·2	986·3	985·9	985·7	985·4	985·0	984·6	984·0	983·9	983·7	989·2
25	983·5	983·2	982·9	982·6	982·3	982·0	981·5	980·6	979·8	979·1	979·5	980·3	980·7	980·9	981·0	981·1	981·0	981·1	981·1	980·8	980·2	979·4	978·5	977·6	981·0
26	976·8	975·3	973·7	972·4	971·5	970·5	969·9	969·6	968·8	967·7	966·8	965·7	964·2	962·8	963·1	963·9	964·9	965·6	966·2	966·8	967·4	968·1	968·7	969·2	**968·5**
27	969·8	970·1	970·3	970·8	971·6	972·2	973·0	973·9	974·6	974·9	975·2	975·6	975·7	975·9	976·1	976·5	976·6	977·2	977·7	978·1	978·8	979·1	979·4	979·7	974·9
28	980·1	980·5	980·8	981·4	982·2	982·8	983·8	984·4	985·0	985·7	986·4	986·9	987·4	987·7	988·3	989·0	989·9	991·0	992·0	993·0	994·1	994·8	995·4	996·4	987·1
Mean (Station level)	993·55	993·29	992·99	992·85	992·93	992·93	993·21	993·41	993·47	993·49	993·49	993·30	992·98	992·64	**992·49**	992·61	992·79	993·12	993·42	993·56	993·66	**993·70**	993·65	993·64	993·22
Mean (Sea level)	996·76	996·49	996·19	996·05	996·13	996·13	996·41	996·61	996·67	996·68	996·67	996·47	996·15	995·81	**995·66**	995·78	995·97	996·30	996·61	996·75	996·86	**996·90**	996·85	996·84	996·41
G.M.T.	1.	2.	3.	4.	5.	6.	7	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

17. Aberdeen : H_b (height of barometer cistern above M.S.L.) = 26·0 metres. **March, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	997·0	997·6	998·0	998·5	999·3	000·2	001·1	002·1	003·1	004·0	004·6	005·6	006·0	006·7	007·6	008·4	009·4	010·6	011·9	012·7	013·8	015·1	015·8	016·4	005·6
2	017·4	018·0	018·2	018·8	019·2	019·7	020·3	021·1	022·1	022·4	022·6	022·9	023·2	023·2	023·8	024·2	024·9	025·4	026·0	026·3	026·9	027·0	027·0	027·1	022·6
3	027·4	027·5	027·9	028·4	028·7	028·9	029·5	030·4	030·7	031·1	031·4	031·5	031·6	031·6	031·5	031·3	031·8	032·3	032·4	032·7	032·8	032·9	032·9	032·3	**030·7**
4	031·8	032·0	032·2	032·2	031·9	031·8	031·5	031·3	031·1	031·3	031·1	030·9	030·9	030·5	029·9	029·9	029·2	029·1	029·1	028·8	028·8	028·3	028·2	026·7	030·5
5	025·6	024·6	024·5	023·6	022·8	021·9	021·3	020·4	019·2	019·0	018·2	017·3	016·2	014·8	013·5	012·1	011·4	010·4	010·0	009·7	009·5	009·2	009·0	008·6	016·7
6	008·7	008·1	008·3	007·7	007·8	008·1	007·9	007·5	007·4	006·9	007·1	006·2	005·9	005·2	004·7	004·9	004·3	003·9	003·9	003·1	002·2	002·1	001·6	001·5	005·8
7	001·1	000·0	999·7	999·2	998·7	997·9	997·8	997·8	997·9	997·7	997·8	997·4	997·0	996·1	995·3	994·6	994·0	993·8	992·6	992·4	991·6	991·1	990·4	989·7	**996·1**
8	989·2	988·9	988·8	989·1	990·4	992·0	994·6	997·0	999·1	000·5	001·1	002·9	003·6	003·8	004·3	005·2	005·5	006·5	006·6	006·8	007·3	006·7	006·2	007·4	999·8
9	006·8	006·8	006·4	006·1	007·0	007·3	007·7	008·3	008·6	010·1	011·0	011·3	011·9	012·8	013·5	014·4	016·0	016·4	017·2	018·2	019·0	019·8	019·9	020·7	012·1
10	021·1	021·5	021·8	022·5	022·9	023·4	023·9	024·2	024·5	024·5	024·3	024·0	023·6	022·7	022·2	021·6	021·6	021·5	021·3	021·0	020·9	020·7	021·0	021·1	022·4
11	021·1	021·4	021·8	022·2	023·0	023·7	024·4	024·9	025·6	026·1	026·4	026·7	026·7	026·9	026·9	026·8	027·0	027·3	028·0	028·2	028·4	028·4	028·7	028·8	025·6
12	029·0	029·1	029·1	029·4	029·7	030·0	030·3	030·6	030·6	030·3	030·4	030·1	029·8	029·4	028·7	028·3	027·8	027·3	027·0	026·4	025·9	025·2	024·4	023·8	028·5
13	023·1	022·0	021·3	020·0	019·2	018·4	017·6	016·5	015·3	014·2	013·8	013·4	013·0	012·4	011·6	011·1	011·1	011·1	011·0	010·9	010·7	010·7	010·7	010·4	014·8
14	010·3	010·1	010·1	009·8	009·9	009·9	010·1	010·2	010·4	010·8	010·9	010·9	011·0	010·8	010·8	010·9	011·1	011·8	012·9	014·0	014·8	015·7	016·1	016·8	011·5
15	017·6	018·2	018·5	018·9	019·1	019·7	020·3	020·8	021·1	021·8	022·3	022·7	022·8	022·8	022·8	023·0	023·5	024·1	024·7	025·1	025·3	025·6	025·7	026·0	022·0
16	026·0	025·8	025·2	025·0	024·9	024·7	024·4	024·5	024·3	024·2	024·2	024·0	023·4	023·4	023·3	023·2	023·0	023·2	023·5	024·1	025·1	025·5	025·6	026·0	024·4
17	026·3	026·4	026·7	026·5	026·5	026·7	026·9	026·7	027·0	027·4	027·4	027·2	027·1	026·8	026·5	026·7	026·8	026·8	026·8	027·0	027·3	027·4	027·3	027·2	026·9
18	027·0	027·0	027·1	027·1	027·3	027·4	027·5	027·7	027·4	027·2	027·2	027·0	026·8	026·5	026·2	026·1	026·1	026·2	026·2	026·4	026·5	026·6	026·4	026·1	026·8
19	025·7	025·5	025·3	024·9	024·7	024·7	024·5	024·3	024·3	024·0	024·1	024·2	024·7	024·7	024·3	024·0	024·5	024·8	024·6	024·6	024·7	024·5	024·4	024·1	024·6
20	023·3	023·1	022·2	021·9	021·5	021·1	020·9	020·4	020·3	020·0	019·5	019·0	018·5	017·9	017·4	017·2	016·8	016·3	016·3	016·2	016·2	016·0	015·8	015·7	019·1
21	015·3	014·6	014·7	014·4	014·6	014·8	014·9	015·1	015·7	016·1	016·4	016·3	016·6	016·4	016·3	016·3	016·0	016·1	017·3	017·8	018·1	018·6	018·9	019·3	016·2
22	019·6	020·0	020·0	020·4	020·8	021·1	021·3	021·6	022·1	022·1	022·0	022·0	021·8	021·3	020·5	020·8	020·0	019·8	019·1	018·8	018·3	017·6	016·5	015·8	020·2
23	014·7	013·7	012·3	011·1	010·0	009·2	008·2	007·0	007·2	007·1	006·8	006·7	006·4	005·8	005·5	005·4	005·2	005·2	004·8	004·9	004·4	003·9	003·4	002·9	007·4
24	002·5	001·8	001·1	000·6	000·4	999·9	999·6	999·2	999·1	999·0	998·9	998·9	998·9	999·7	999·7	999·6	999·8	000·2	000·5	000·4	000·4	000·2	000·3	999·9	000·1
25	000·5	000·2	000·2	000·3	000·4	001·3	002·3	003·5	004·7	006·2	007·2	008·4	009·5	010·7	011·6	012·6	013·6	014·8	015·8	016·8	017·4	017·7	018·0	018·5	008·5
26	018·8	019·0	019·2	019·2	019·6	019·7	020·0	020·0	020·3	020·3	020·2	020·4	020·2	019·9	019·5	019·2	019·0	019·3	019·4	019·7	019·9	019·9	020·0	019·8	019·7
27	019·9	019·6	019·4	019·1	019·2	019·3	019·4	019·2	019·1	018·7	018·6	018·2	017·8	017·5	017·1	017·3	017·8	018·3	019·5	020·2	020·7	021·1	021·5	021·9	019·1
28	022·1	022·4	022·4	022·5	022·5	022·6	022·6	022·9	022·9	022·8	022·6	022·0	021·5	021·0	020·1	019·8	019·5	019·4	018·8	018·2	016·8	015·6	014·6	013·6	020·6
29	013·1	012·8	012·4	012·2	012·6	012·7	012·8	012·9	013·4	013·2	013·3	013·0	012·1	011·7	011·4	011·0	010·5	010·2	010·4	010·3	010·0	009·8	009·1	008·5	011·7
30	008·0	007·2	006·8	006·0	005·8	005·1	004·6	004·0	003·4	002·6	002·3	001·7	000·2	999·7	999·7	998·9	998·7	998·5	998·5	998·4	998·7	000·0	000·7	001·2	002·3
31	001·4	001·7	002·0	001·9	002·3	002·7	003·2	003·5	003·9	004·1	004·1	004·1	003·9	003·8	003·5	003·2	003·2	002·9	002·9	003·0	002·9	003·0	003·5	003·8	003·1
Mean (Station level)	1015·85	1015·70	1015·60	**1015·47**	1015·57	1015·67	1015·85	1015·99	1016·19	1016·31	**1016·41**	1016·35	1016·21	1016·02	1015·81	1015·73	1015·78	1015·92	1016·10	1016·23	1016·30	1016·32	1016·25	1016·18	1015·99
Mean (Sea level)	1019·13	1018·98	1018·88	**1018·75**	1018·85	1018·95	1019·13	1019·27	1019·46	1019·56	**1019·66**	1019·60	1019·45	1019·26	1019·15	1018·97	1019·03	1019·17	1019·36	1019·50	1019·57	1019·60	1019·53	1019·46	1019·26

18. Aberdeen : H_b = 26·0 metres. **April, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	004·1	004·5	004·7	005·0	005·6	006·0	006·4	006·6	006·8	006·7	006·5	006·0	005·4	004·5	004·0	003·0	002·5	001·9	000·9	000·6	000·0	998·9	998·3	996·8	003·7
2	996·3	995·4	994·4	994·2	994·0	995·2	995·9	996·4	997·2	998·1	998·8	999·7	000·4	001·3	002·1	002·7	003·4	004·5	005·4	006·2	007·0	007·9	008·7	009·2	000·3
3	009·8	010·1	010·5	011·2	012·0	012·4	012·8	013·3	013·5	014·1	014·3	014·1	014·3	014·3	014·2	013·8	013·4	013·3	013·1	012·8	012·6	012·2	011·3	010·8	012·6
4	010·0	009·3	009·1	008·2	007·8	007·4	007·0	006·5	006·4	006·0	005·5	005·4	004·9	004·5	004·2	003·9	003·2	003·1	003·0	002·9	003·0	002·8	002·5	002·4	005·5
5	001·9	001·2	000·8	000·5	000·3	000·3	000·4	000·7	000·9	000·6	000·5	000·4	000·0	999·9	999·4	999·1	998·9	998·8	999·0	999·4	999·2	999·2	999·1	999·1	000·1
6	999·0	998·5	998·1	997·7	997·2	996·7	996·6	996·5	996·6	996·2	996·3	996·2	996·2	996·4	996·4	996·3	996·5	997·1	997·7	997·9	998·4	999·1	999·7	000·2	997·4
7	000·9	001·4	001·8	002·2	002·9	003·1	003·6	004·0	004·3	004·5	004·7	004·8	004·9	004·7	004·6	004·8	004·7	005·1	005·5	005·9	006·2	006·5	006·8	007·0	004·2
8	007·2	007·4	007·6	008·0	008·5	009·0	009·4	009·7	009·9	010·3	010·3	010·2	010·1	009·8	009·5	009·0	008·8	009·0	009·0	009·0	008·9	008·6	008·4	007·9	009·0
9	007·5	007·2	006·8	006·3	006·1	006·0	005·9	005·7	005·6	005·5	005·2	004·9	004·5	004·2	004·1	003·9	003·7	003·8	003·9	004·2	004·3	004·4	004·5	004·4	005·2
10	004·5	004·5	004·8	004·7	005·0	005·7	006·2	006·9	007·5	008·3	008·7	009·3	009·8	010·5	010·8	011·4	011·9	012·6	013·3	013·9	014·6	014·8	015·2	015·3	009·4
11	015·2	015·3	015·3	015·3	015·5	015·9	015·9	016·1	015·9	015·8	015·6	015·2	014·8	014·6	014·4	014·1	014·1	014·0	014·1	014·2	014·1	013·9	013·5	013·3	014·9
12	013·0	012·7	012·6	012·5	012·6	012·9	013·1	013·3	013·4	013·5	013·4	013·3	013·1	012·8	012·5	012·2	012·2	012·1	012·2	012·1	011·6	010·7	010·2	009·4	012·5
13	008·7	007·4	006·5	005·7	004·6	003·6	002·5	001·8	000·9	999·7	999·2	998·7	998·0	997·4	996·9	996·7	996·9	996·9	996·8	996·8	997·2	997·3	998·0	998·6	000·5
14	999·3	000·1	000·5	001·2	001·6	002·0	002·4	002·8	002·9	003·3	003·1	002·9	002·6	002·2	001·7	000·9	000·3	999·6	998·6	997·0	995·6	993·6	991·4	988·4	000·0
15	985·4	982·8	981·1	980·0	979·3	978·5	977·9	977·1	977·1	976·9	977·1	977·7	978·1	978·8	979·6	980·2	980·6	980·8	981·1	981·4	981·1	980·4	979·4	978·5	**979·8**
16	977·5	977·0	977·3	978·5	980·3	982·8	984·9	986·5	987·6	989·0	990·1	991·2	992·6	993·9	994·9	995·7	996·8	997·4	998·3	999·1	999·8	000·4	001·4	001·9	990·1
17	002·2	002·5	002·6	002·9	003·2	004·2	004·2	004·7	005·0	005·3	005·3	005·4	005·1	005·2	005·0	005·0	005·0	004·7	005·0	004·9	004·7	004·6	004·1	003·7	004·3
18	003·1	002·5	001·9	001·5	001·2	001·2	001·3	001·4	007·1	002·3	002·5	003·1	003·5	004·1	004·5	004·7	005·6	006·5	007·3	008·0	008·6	009·3	010·0	010·7	004·3
19	011·1	011·5	012·1	012·6	013·2	014·0	014·9	015·6	016·1	016·4	017·0	017·3	017·7	017·7	017·7	017·7	018·0	018·4	018·8	019·3	019·7	020·0	020·3	020·3	016·4
20	020·3	020·2	020·2	020·1	020·2	020·6	021·2	021·6	021·7	022·0	022·1	022·2	022·4	022·5	022·6	023·1	023·3	023·6	023·8	024·2	024·3	024·4	024·4	024·2	**022·2**
21	024·0	023·5	022·9	022·6	022·4	022·0	021·5	021·2	020·8	019·9	019·2	018·1	017·4	016·4	015·9	015·1	014·2	013·3	012·0	011·4	011·0	010·1	009·6	008·9	017·5
22	007·8	007·7	007·3	007·2	007·2	007·2	007·4	007·5	007·0	006·2	005·3	004·2	003·0	002·0	000·1	997·3	995·2	992·4	989·8	988·2	986·4	986·2	987·3	988·2	000·4
23	989·4	989·8	990·5	990·8	991·3	992·0	992·4	992·6	993·1	993·4	993·4	993·4	993·3	993·3	993·3	993·1	993·0	993·3	993·5	993·8	993·9	994·2	994·3	994·0	992·6
24	994·0	994·0	993·9	993·7	993·6	993·7	993·7	993·8	994·0	994·4	994·5	995·1	995·8	996·3	996·0	996·1	996·7	997·0	997·3	997·8	997·8	997·8	997·6	997·6	995·4
25	997·2	996·9	996·7	996·3	996·0	996·0	995·6	995·2	995·1	994·9	994·7	994·3	993·8	993·4	993·3	993·6	993·7	994·0	994·5	994·9	995·1	995·3	995·4	995·4	995·1
26	995·3	995·4	995·8	995·9	996·3	996·2	996·7	996·7	997·1	997·6	998·4	998·6	999·3	999·5	000·2	001·3	002·1	003·1	004·0	005·0	005·5	006·0	006·5	006·8	999·7
27	006·9	007·3	007·4	007·3	007·3	007·6	007·9	008·2	008·6	008·9	009·2	009·5	009·8	009·9	010·2	010·4	010·7	011·0	011·4	011·9	012·1	012·6	012·8	012·8	009·5
28	013·0	012·8	012·8	012·5	012·5	012·5	012·4	012·4	012·1	012·0	011·7	011·2	010·8	009·7	009·7	010·3	010·1	010·0	010·2	010·2	010·1	009·7	009·6	009·5	011·2
29	009·1	009·0	008·7	008·6	008·8	009·1	009·3	009·6	009·9	010·1	010·4	010·8	010·9	010·9	010·9	010·9	010·8	010·8	010·9	011·1	010·9	010·8	010·6	010·4	010·1
30	010·3	010·0	009·5	009·1	009·1	009·1	009·0	009·1	009·2	009·1	008·9	008·8	008·6	008·4	008·3	008·1	008·0	008·0	008·0	008·2	008·2	007·9	007·9	008·0	008·7
Mean (Station level)	1004·13	1003·93	1003·81	**1003·74**	1003·85	1004·10	1004·28	1004·45	1004·60	1004·70	1004·73	1004·73	1004·70	1004·64	1004·57	1004·48	1004·48	1004·54	1004·61	**1004·74**	1004·73	1004·65	1004·63	1004·46	1004·43
Mean (Sea level)	1007·35	1007·15	1007·03	**1006·97**	1007·08	1007·33	1007·49	1007·66	1007·80	1007·90	1007 92	1007·92	1007·89	1007·83	1007 76	1007·67	1007·67	1007·74	1007·81	**1007·95**	1007·94	1007·86	1007·84	1007·67	1007·63
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

19. Aberdeen : H_b (height of barometer cistern above M.S.L.) = 26·0 metres. **May, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	007·9	007·7	007·6	007·7	007·9	008·2	008·6	009·2	009·5	009·6	009·8	010·0	010·4	010·6	010·8	011·1	011·3	011·7	012·0	012·6	012·8	013·0	013·0	012·8	010·1
2	012·6	012·5	012·2	012·0	012·1	012·1	012·0	012·0	012·1	012·3	011·9	011·6	011·5	011·2	010·9	010·5	010·2	010·1	010·2	010·2	010·1	010·0	009·7	009·4	011·3
3	009·2	009·0	008·9	008·6	008·7	008·9	008·8	008·7	008·4	008·3	008·1	007·9	007·5	007·3	007·2	006·9	006·8	006·6	006·3	005·8	005·6	005·3	005·0	004·7	007·5
4	004·4	004·0	003·7	003·3	003·1	003·2	003·3	003·3	003·4	003·3	003·0	002·7	002·3	001·9	001·8	001·6	001·3	001·2	001·0	001·3	001·2	000·9	000·8	000·5	002·4
5	000·3	000·0	999·9	000·1	999·9	000·2	000·1	000·0	999·8	999·6	999·4	999·5	999·4	999·4	999·4	999·8	000·2	000·5	001·7	002·2	002·7	003·0	003·8	003·8	000·5
6	003·7	003·7	003·6	002·8	002·4	001·3	000·8	000·3	000·2	999·9	999·5	999·7	000·4	001·2	002·0	002·8	003·7	004·5	004·9	005·2	005·4	005·5	005·5	005·5	002·7
7	005·4	005·2	005·0	004·7	004·6	004·4	004·5	004·6	004·5	004·4	004·2	004·0	003·6	003·2	002·5	002·2	001·8	001·3	001·2	001·0	001·1	000·8	000·8	000·5	003·3
8	999·8	999·6	999·5	999·2	999·1	999·0	999·2	999·3	999·4	999·2	999·0	999·0	999·1	999·2	999·5	999·6	999·7	000·0	000·2	000·3	000·6	000·6	000·5	000·2	999·6
9	000·2	000·1	999·9	999·7	999·7	999·9	000·3	000·8	000·9	001·1	001·4	001·4	001·4	001·5	001·5	001·4	001·6	001·8	002·2	002·6	002·8	003·3	003·7	003·8	001·3
10	004·1	004·3	004·4	004·8	005·2	005·7	006·4	006·6	007·0	007·4	007·8	008·1	007·9	008·1	008·1	007·8	007·9	007·7	007·7	007·8	007·7	007·4	006·8	006·1	006·7
11	005·3	004·2	003·5	002·8	002·3	001·5	000·9	000·3	999·8	999·6	998·5	998·2	998·0	997·2	997·3	997·1	997·2	997·7	998·3	999·4	999·9	000·1	000·3	001·5	000·1
2	001·9	002·2	003·1	003·8	004·4	005·2	006·0	006·6	007·2	007·6	007·8	008·0	007·8	008·2	008·4	008·5	008·8	008·7	008·5	008·6	009·0	009·1	009·3	009·6	006·8
13	010·1	010·9	011·7	012·5	013·4	014·1	015·1	015·8	016·3	016·6	016·7	016·9	017·3	017·6	017·6	017·6	017·4	017·4	017·8	018·2	018·6	019·0	018·9	018·6	015·9
14	018·6	018·5	018·5	018·7	018·9	019·9	021·0	021·1	021·5	021·7	021·7	021·8	022·1	022·2	022·4	022·5	022·3	021·9	021·8	021·7	021·7	021·2	020·9	020·6	**020·9**
15	020·0	019·4	018·8	018·2	017·8	017·6	017·0	016·7	016·1	015·2	014·6	013·8	013·0	012·4	011·2	010·6	010·4	009·8	009·1	008·6	008·1	007·2	006·6	006·1	013·6
16	006·0	005·4	005·0	005·0	005·0	004·9	004·9	004·9	004·7	004·8	004·5	004·2	003·8	003·1	002·9	002·5	001·4	000·8	000·1	999·9	999·6	998·7	998·5	998·6	003·0
17	998·7	999·0	999·8	000·4	001·3	001·9	002·6	003·4	004·2	004·6	005·4	005·9	006·5	006·8	007·6	008·4	008·7	009·1	009·3	009·3	010·1	010·4	010·6	010·3	005·3
18	009·7	009·5	009·1	008·6	008·3	008·2	008·6	008·6	008·7	008·9	009·0	009·1	009·8	009·2	009·3	009·8	009·9	009·9	010·2	010·5	011·0	011·0	010·9	011·0	009·5
19	010·9	011·0	010·9	010·8	011·0	011·4	011·8	012·0	012·1	012·2	012·4	012·5	012·3	012·3	012·3	011·9	011·6	011·7	011·7	011·8	012·1	012·4	012·6	012·5	011·8
20	012·2	012·1	011·8	011·4	011·4	011·4	011·4	011·3	010·9	010·8	010·5	010·1	009·7	009·3	008·6	007·8	007·5	007·5	007·6	007·6	007·5	007·2	007·1	006·9	009·7
21	006·4	006·3	006·2	006·3	006·7	006·8	007·0	007·2	007·5	007·7	007·7	007·4	007·4	007·2	006·7	006·4	006·2	006·3	006·6	007·2	007·8	008·1	008·2	008·2	007·0
22	007·9	007·8	007·6	007·6	007·6	007·6	007·5	007·5	007·7	007·8	007·7	007·6	007·3	007·2	007·1	006·8	006·5	006·1	006·0	005·8	005·8	005·7	005·6	005·5	007·0
23	005·3	004·9	004·7	004·3	004·3	004·2	004·2	004·1	004·2	004·2	004·2	004·2	004·1	003·8	003·8	003·7	003·5	003·5	003·4	003·7	003·6	003·6	003·9	003·4	004·1
24	003·0	002·7	002·3	002·2	002·3	002·3	002·4	002·2	001·8	001·9	001·8	001·5	001·2	001·1	000·7	000·7	000·5	000·6	000·4	000·1	000·1	999·6	999·3	999·2	001·3
25	998·8	998·3	998·2	998·3	998·4	998·6	998·8	999·1	999·5	999·5	999·8	999·8	000·0	000·7	001·2	001·6	002·2	002·4	003·0	003·2	003·6	003·8	003·7	003·8	000·6
26	003·6	004·0	004·1	004·0	004·1	004·0	004·0	004·0	004·0	003·9	003·6	003·4	003·3	002·8	002·2	001·6	001·1	000·2	999·7	999·1	998·2	997·1	996·1	995·0	002·0
27	994·0	992·9	991·6	990·1	989·0	987·4	985·9	984·5	983·0	981·5	980·7	980·6	980·2	980·1	980·3	980·6	981·4	981·9	982·4	982·7	983·2	983·5	983·3	983·1	984·6
28	982·4	981·7	981·1	980·5	979·9	979·6	979·5	979·2	979·0	978·8	978·5	978·8	979·1	979·6	980·3	980·6	981·2	982·1	982·9	983·1	983·3	983·2	983·5	983·6	**980·9**
29	984·1	984·4	984·3	983·8	983·8	983·9	984·4	984·1	984·2	984·3	985·0	985·6	986·4	987·3	988·4	988·9	989·8	989·9	990·0	989·5	989·4	987·8	986·9	985·9	986·3
30	985·6	985·3	985·1	985·8	986·4	986·9	987·1	988·0	988·8	989·6	990·1	990·8	991·7	991·8	992·1	992·4	992·3	992·4	993·1	993·3	993·5	993·2	993·2	994·1	989·9
31	994·4	994·9	995·5	996·3	996·9	998·1	999·3	000·7	001·7	002·3	003·3	003·8	004·3	004·6	004·8	005·0	005·2	005·7	006·0	006·4	006·9	007·0	007·4	007·2	002·1
Mean (Station level)	1003·44	1003·27	1003·15	**1003·04**	1003·09	1003·17	1003·34	1003·42	1003·49	1003·50	1003·47	1003·48	1003·51	1003·49	1003·51	1003·51	1003·54	1003·58	1003·72	1003·83	**1003·97**	1003·83	1003·75	1003·61	1003·49
Mean (Sea level)	1006·62	1006·45	1006·33	**1006·22**	1006·27	1006·35	1006·51	1006·59	1006·65	1006·66	1006·63	1006·64	1006·66	1006·64	1006·66	1006·66	1006·70	1006·74	1006·89	1007·00	**1007·15**	1007·01	1006·93	1006·79	1006·66

20. Aberdeen : H_b = 26·0 metres. **June, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	007·2	007·1	007·0	007·0	007·1	007·2	007·1	007·1	007·3	007·6	007·5	007·5	007·4	007·5	007·7	007·7	007·7	007·9	008·1	008·4	009·0	009·3	009·6	009·7	007·7
2	009·8	010·1	010·3	010·6	010·8	011·0	011·4	011·6	011·7	011·8	011·8	012·0	012·1	012·7	013·0	013·2	013·7	013·9	014·3	015·1	015·3	015·5	015·6	015·6	012·5
3	015·7	015·6	015·6	015·6	015·7	015·7	015·7	015·5	015·3	014·9	014·0	013·3	012·5	011·7	011·6	011·6	011·9	012·4	013·1	013·4	014·2	014·9	015·4	015·7	014·2
4	015·6	015·6	015·7	015·8	016·1	016·2	016·6	017·2	017·3	017·2	017·2	017·2	017·0	016·8	016·6	016·4	016·2	016·3	016·3	016·3	016·4	016·7	016·5	016·3	016·5
5	016·2	016·3	015·7	015·4	015·7	015·5	015·8	015·7	015·6	015·6	015·6	015·5	015·6	015·4	015·1	014·9	014·7	014·6	014·5	014·5	014·4	014·5	014·1	013·9	015·3
6	013·7	013·4	013·4	013·7	013·1	013·3	014·4	014·3	014·4	015·1	015·0	015·3	016·0	016·6	017·0	017·1	017·9	018·4	019·1	019·7	020·4	021·0	021·0	021·4	016·3
7	021·5	021·5	021·4	021·7	022·3	022·5	022·7	022·8	022·9	023·0	023·0	023·0	023·2	023·2	023·1	023·3	023·2	023·2	023·3	023·6	023·9	024·1	024·1	024·3	022·9
8	024·3	024·3	024·4	024·4	024·9	025·2	025·4	025·5	025·6	025·9	026·1	026·0	025·9	025·9	025·8	026·0	025·9	025·7	025·7	025·6	025·8	026·0	025·7	025·6	025·5
9	025·6	025·8	025·8	025·8	025·7	025·7	025·5	025·5	025·6	025·6	025·5	025·4	025·2	025·4	025·2	025·0	024·9	024·8	024·6	024·6	024·6	024·5	024·8	024·9	025·3
10	024·9	025·0	025·0	025·3	025·5	025·9	026·1	026·1	026·6	026·7	027·3	027·4	027·7	028·0	028·1	028·1	028·0	028·3	028·3	028·4	028·6	028·6	028·6	028·5	**027·1**
11	027·8	027·4	026·7	026·5	026·5	026·0	025·6	025·5	025·2	025·2	025·1	024·9	024·8	024·8	024·5	024·4	024·3	024·1	024·1	024·3	024·4	024·3	024·2	024·0	025·3
12	023·6	023·3	023·0	022·6	022·7	022·9	023·0	022·7	022·4	022·0	021·7	021·7	021·3	021·0	020·9	020·6	020·3	020·1	019·8	019·6	019·4	019·0	018·7	018·2	021·4
13	017·7	017·1	016·4	015·9	015·3	014·6	014·1	013·7	013·0	012·7	011·8	011·4	011·2	010·6	009·7	009·7	009·8	009·8	010·2	010·6	011·4	011·5	012·3	012·5	012·7
14	012·8	012·7	012·9	013·4	013·6	014·2	014·7	015·3	015·3	015·6	015·4	015·3	015·7	015·5	015·5	015·5	015·6	015·4	015·1	015·0	015·0	014·8	014·6	014·2	014·7
15	013·9	013·2	012·5	012·2	012·2	011·9	011·9	011·7	011·2	010·1	009·8	009·4	009·2	008·9	008·7	008·6	008·5	008·4	008·3	008·2	008·0	007·8	007·5	007·2	010·1
16	006·9	006·9	006·8	006·7	007·1	006·9	006·9	006·5	006·2	006·2	005·9	005·7	005·4	005·3	004·6	005·8	006·4	007·0	007·9	008·6	009·1	009·7	010·1	010·4	**007·0**
17	010·9	011·5	011·8	012·3	013·1	014·1	014·8	015·5	015·8	016·3	016·4	016·3	016·0	015·9	015·7	015·7	015·4	015·3	015·1	014·9	014·6	014·4	014·1	013·6	014·5
18	013·5	013·0	013·0	013·2	013·8	014·3	015·2	015·6	016·0	016·7	017·0	017·1	017·0	017·2	017·7	017·7	017·9	017·8	017·9	018·1	018·4	018·5	018·3	018·1	016·3
19	018·0	017·8	017·5	017·0	017·0	017·1	017·1	016·7	016·7	016·0	015·7	015·5	015·4	014·9	014·4	013·7	013·4	013·3	012·9	012·6	012·4	012·1	012·0	011·9	015·2
20	011·9	011·5	011·4	010·9	011·0	010·9	011·0	011·0	010·8	010·8	011·4	011·4	011·6	011·5	011·3	011·3	011·2	011·1	011·1	011·2	011·0	011·0	010·6	010·4	011·2
21	009·8	009·0	008·8	008·8	008·8	009·1	009·1	009·1	009·3	009·1	009·0	008·9	009·2	009·4	009·7	009·8	010·3	010·8	011·2	011·4	011·7	012·1	012·3	012·6	009·9
22	012·7	012·8	012·9	012·8	013·4	013·7	014·3	014·7	015·2	015·2	015·3	015·7	015·9	016·3	016·6	016·8	017·1	017·5	017·9	018·4	018·5	018·5	018·4	018·3	015·7
23	018·2	018·2	018·2	018·2	018·3	018·3	018·4	018·4	018·5	018·7	018·9	019·1	019·2	019·1	018·9	018·8	018·9	018·8	018·9	018·8	018·8	019·3	018·9	018·7	018·7
24	018·7	018·5	018·3	018·2	018·3	018·0	018·7	018·9	018·9	018·7	018·7	018·7	018·6	018·4	018·3	018·1	018·0	018·2	018·5	018·4	018·4	018·4	018·2	018·0	018·4
25	017·8	017·6	017·3	017·2	017·1	017·2	017·4	017·5	017·3	017·0	016·9	017·0	016·8	016·6	016·3	015·7	015·7	015·6	015·6	015·4	015·3	014·9	014·6	014·2	016·5
26	013·6	013·3	012·7	012·1	011·9	011·6	011·5	011·4	011·6	011·6	011·7	011·8	011·7	012·1	012·0	012·2	012·0	012·2	012·7	012·9	013·0	013·5	013·8	014·0	012·4
27	014·1	014·1	014·2	014·3	014·8	015·1	015·4	015·7	016·0	016·3	016·5	016·6	016·6	016·7	017·0	016·9	016·9	017·0	017·0	017·4	017·7	017·9	017·9	018·0	016·2
28	018·0	017·8	017·9	017·4	017·6	017·6	017·8	018·1	018·0	018·0	018·0	018·1	018·4	018·4	018·3	018·2	018·0	017·7	017·7	017·8	017·8	017·8	017·5	017·4	017·9
29	017·3	017·0	016·8	016·5	016·5	016·4	016·2	016·1	016·0	015·5	015·3	015·1	015·1	015·1	014·8	014·7	014·4	014·4	014·0	013·8	013·9	013·8	013·6	013·4	015·3
30	013·3	013·3	013·3	013·5	013·6	013·8	014·0	014·0	014·1	014·3	014·3	014·6	014·6	014·6	014·9	014·8	014·9	014·8	014·9	015·0	015·0	014·9	014·9	014·9	014·3
Mean (Station level)	1016·17	1016·02	1015·89	**1015·83**	1015·98	1016·06	1016·26	1016·31	1016·33	1016·31	1016·26	1016·23	1016·21	1016·18	1016·10	1016·08	1016·10	1016·16	1016·27	1016·40	1016·55	**1016·64**	1016·60	1016·53	1016·22
Mean (Sea level)	1019·37	1019·22	1019·09	**1019·03**	1019·18	1019·25	1019·45	1019·49	1019·50	1019·48	1019·43	1019·40	1019·37	1019·34	1019·26	1019·24	1019·26	1019·33	1019·44	1019·58	1019·74	**1019·83**	1019·80	1019·73	1019·40
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

21. Aberdeen : H*b* (height of barometer cistern above M.S.L.) = 26·0 metres. **July, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	015·0	014·5	014·3	014·4	014·5	014·8	015·0	015·2	015·0	014·9	015·0	015·1	015·1	015·0	014·7	014·1	014·1	014·0	014·0	014·2	014·3	014·3	014·1	014·1	014·6
2	013·9	013·7	013·3	013·1	013·0	012·7	012·6	012·3	011·9	011·3	011·1	010·8	010·5	010·4	010·0	009·9	009·7	009·8	009·8	010·0	010·0	010·3	010·3	010·0	011·4
3	009·9	009·7	009·6	009·3	009·4	009·5	009·6	009·7	010·0	010·1	010·3	010·2	010·4	010·7	010·7	010·8	010·7	010·8	011·1	011·4	011·9	011·9	012·2	012·0	010·5
4	012·0	011·7	011·0	011·3	011·4	011·5	011·6	011·6	011·5	011·6	011·5	011·5	011·3	011·0	010·9	010·8	010·7	010·7	010·9	011·0	011·0	010·9	011·0	011·0	011·2
5	010·8	010·7	010·7	010·7	010·6	010·8	010·9	010·9	010·9	011·2	011·1	010·9	010·8	010·6	010·4	010·2	009·9	009·8	009·5	009·5	009·6	009·4	009·4	009·0	010·4
6	008·6	008·6	008·2	008·2	007·8	007·6	007·6	007·5	007·5	007·2	007·0	006·9	006·8	006·7	006·5	006·4	006·2	006·1	006·2	006·2	006·3	006·0	005·9	005·7	007·1
7	005·4	005·3	005·4	005·7	006·1	006·6	007·4	008·2	008·5	008·9	009·5	010·1	010·6	011·1	011·2	011·5	012·0	012·8	013·3	013·5	014·1	013·9	014·3	014·2	009·8
8	014·2	014·6	014·5	014·9	015·0	015·2	015·2	015·1	015·3	015·4	015·5	015·5	015·3	015·2	015·0	014·7	014·6	014·4	014·3	014·3	014·5	014·7	014·8	014·6	014·9
9	014·5	014·4	014·2	014·2	014·2	014·2	014·2	014·3	014·3	014·0	013·9	013·6	013·4	013·0	012·5	012·2	011·8	011·4	011·0	010·7	010·2	009·6	008·7	007·6	012·7
10	007·0	006·3	006·0	006·2	006·1	006·5	007·2	007·8	008·7	009·1	009·5	010·2	010·7	011·3	011·7	012·2	012·9	013·6	014·3	014·6	015·1	015·7	016·0	016·4	010·4
11	016·6	016·6	016·5	016·4	016·6	016·9	017·4	017·8	018·0	018·4	018·6	018·8	019·1	019·1	019·5	019·8	019·9	020·2	020·6	021·3	021·6	021·7	021·4	021·3	018·8
12	021·4	021·4	021·2	021·2	021·0	021·0	021·1	021·1	021·0	020·9	020·7	020·9	020·9	021·0	021·5	021·3	021·4	021·7	022·1	022·5	022·8	022·9	023·0	023·0	021·5
13	023·0	023·1	023·1	023·4	023·5	023·8	023·8	023·8	023·9	024·2	024·0	023·7	023·5	023·4	022·9	022·7	022·1	022·0	021·9	021·8	021·6	021·2	020·8	020·3	022·2
14	019·7	019·0	018·6	018·0	017·6	017·3	017·0	016·6	016·0	015·4	014·9	014·4	014·1	013·9	013·4	012·8	012·1	011·7	011·5	011·4	011·7	011·9	011·8	011·7	014·9
15	011·6	011·5	011·7	011·5	011·4	011·2	011·4	011·5	011·9	012·1	012·2	012·7	013·0	013·2	013·7	013·7	013·8	014·0	013·8	013·8	014·0	013·6	013·4	013·1	012·6
16	012·4	012·3	011·9	011·5	010·8	010·6	010·2	009·5	009·1	008·8	008·4	008·1	007·8	007·7	007·7	007·9	008·2	008·2	008·3	008·0	008·0	007·9	007·8	007·8	009·2
17	007·7	007·4	007·3	007·1	006·7	006·4	006·2	006·1	005·8	005·0	004·6	004·1	004·2	004·0	003·4	002·6	002·0	001·7	001·3	001·1	000·8	000·5	000·2	999·6	004·2
18	999·2	998·7	998·2	997·9	997·6	997·5	997·6	997·6	997·7	997·8	997·8	997·9	998·2	998·4	998·6	999·1	999·5	000·0	000·6	001·3	002·0	002·6	003·2	003·5	999·2
19	003·2	003·9	004·3	004·4	004·9	005·6	006·0	006·2	006·6	007·1	007·2	007·5	007·8	008·0	008·1	008·4	008·2	008·7	009·4	010·2	010·9	011·5	012·1	012·4	007·4
20	012·5	013·1	013·1	013·3	013·6	014·5	014·9	015·1	015·8	016·1	016·6	016·5	017·2	016·8	016·1	015·2	015·4	015·5	014·7	014·9	014·9	015·2	014·6	015·6	015·0
21	015·4	015·0	014·7	015·0	015·6	016·1	016·4	016·5	016·3	016·2	016·3	016·5	016·9	017·1	017·2	017·2	017·5	017·8	018·2	018·6	019·3	019·7	020·0	019·9	017·0
22	019·9	020·0	019·9	020·0	019·9	020·1	019·6	019·6	019·4	019·2	018·8	018·4	018·0	017·5	016·9	016·4	015·8	015·6	015·0	014·3	014·6	014·6	014·9	014·1	017·7
23	014·1	013·9	013·9	013·8	013·8	013·9	014·3	014·7	015·2	015·5	015·6	015·8	016·1	016·3	016·7	016·8	016·9	016·9	017·2	017·6	018·1	018·5	018·5	018·4	015·9
24	018·4	018·4	018·4	018·4	018·4	018·4	018·5	018·6	018·6	018·6	018·3	018·2	018·1	017·9	017·5	017·3	016·8	016·5	016·3	016·3	016·0	015·6	015·3	014·6	017·6
25	013·8	013·0	012·0	011·5	011·0	010·4	009·9	009·4	009·0	008·2	007·6	006·7	006·0	005·4	004·8	004·4	003·8	003·3	002·4	002·2	002·1	001·4	000·8	000·3	006·9
26	999·4	998·4	997·6	996·7	996·4	995·8	995·8	995·8	995·6	994·9	995·4	995·3	995·4	995·2	995·0	994·9	994·7	994·8	994·6	994·7	994·7	994·7	994·6	994·4	**995·7**
27	994·4	994·6	994·7	995·1	995·1	995·8	996·1	996·2	996·3	996·5	996·8	996·9	997·0	997·0	996·9	996·8	996·6	996·5	996·5	996·7	996·6	996·5	996·4	996·5	996·1
28	996·5	996·5	996·3	996·2	996·3	996·4	996·5	996·8	996·9	997·1	997·4	997·4	997·6	997·7	997·7	997·9	998·0	998·1	998·2	998·5	998·7	998·7	998·9	998·7	997·4
29	998·8	998·9	999·0	998·9	999·0	999·2	999·4	999·7	000·1	000·4	000·3	000·2	000·3	000·3	000·3	999·9	000·0	000·1	000·1	000·0	999·9	999·9	999·9	999·8	999·7
30	999·7	999·4	999·1	998·9	999·0	999·0	999·3	999·2	999·1	999·1	999·2	999·3	999·1	999·2	999·1	999·0	998·8	999·0	999·3	999·4	999·6	999·6	999·6	999·5	999·2
31	999·4	999·2	999·0	999·2	999·4	999·5	000·0	000·3	000·6	000·8	000·9	001·3	001·3	001 4	001·6	001·7	002·0	002·5	002·7	003·1	003·3	003·3	003·3	003·1	001·1
Mean (Station level)	**1009·95**	1009·80	1009·60	1009·56	**1009·54**	1009·64	1009·76	1009·83	1009·89	1009·87	1009·87	1009·85	1009·89	1009·85	1009·75	1009·63	1009·55	1009·62	1009·65	1009·78	1009·94	1009·94	1009·91	1009·75	1009·78
Mean (Sea level)	**1013·10**	1012·96	1012·76	1012·72	1012·69	1012·79	1012·89	1012·96	1013·01	1012·99	1012·98	1012·96	1013·00	1012·96	1012·86	1012·74	**1012·87**	1012·74	1012·78	1012·91	1013·09	1013·09	1013·06	1012·90	1012·91

22. Aberdeen : H*b* = 26·0 metres. **August, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	003·0	002·6	002·4	002·5	002·6	002·5	002·9	003·0	003·0	003·1	003·3	003·1	003·3	003·2	003·1	003·2	003·4	003·4	003·7	003·8	004·0	004·1	004·0	003·9	003·2
2	003·7	003·6	003·5	003·6	003·7	003·9	004·1	004·4	005·0	005·5	006·0	006·5	006·8	006·8	007·2	007·0	007·5	007·9	008·5	009·0	009·5	009·5	009·7	009·4	006·2
3	009·4	009·4	009·4	009·3	009·5	009·5	009·4	009·3	009·4	009·3	009·2	009·1	009·0	008·8	008·5	008·2	008·2	008·0	007·9	008·0	007·9	007·7	007·7	007·6	008·8
4	007·3	007·0	006·7	006·6	006·8	006·8	007·0	007·2	007·0	006·8	006·8	006·7	006·7	006·5	006·5	006·2	005·7	005·6	005·6	005·6	005·6	005·5	005·3	005·1	006·4
5	004·8	004·5	004·3	004·1	003·9	003·8	003·9	003·9	003·9	003·7	003·4	003·3	003·0	002·7	002·5	002·1	001·7	001·6	001·5	001·5	001·4	000·8	000·7	000·6	002·9
6	000·5	000·1	000·1	000·0	999·9	999·8	000·0	000·3	000·3	000·0	000·2	000·3	000·5	001·2	001·6	002·3	002·8	003·4	004·4	005·3	005·8	006·3	006·7	006·8	001·9
7	007·0	007·1	007·2	007·5	007·4	007·5	007·4	007·5	007·4	007·5	007·6	007·3	007·3	007·2	007·2	007·1	007·1	007·2	007·4	007·7	007·7	008·1	008·2	008·5	007·4
8	008·6	008·7	009·0	008·8	008·6	008·8	008·9	009·1	009·2	009·1	009·2	009·2	009·2	009·2	009·1	009·0	009·1	009·2	009·3	009·1	009·1	008·6	008·4	007·7	008·9
9	007·0	006·3	005·4	005·1	003·9	002·8	001·7	001·1	000·3	999·6	999·1	998·6	998·2	998·0	998·0	998·1	998·1	999·2	000·1	001·1	001·8	002·0	002·5	002·4	**001·4**
10	002·3	002·5	002·5	002·3	002·6	002·8	002·9	002·8	002·7	002·8	002·7	002·9	002·3	002·1	001·8	001·6	001·7	001·4	001·6	001·8	001·8	001·9	002·0	001·9	002·3
11	002·0	002·1	002·4	002·7	003·2	003·6	004·2	004·9	005·5	005·9	006·2	006·8	007·0	007·3	007·4	007·1	006·9	007·2	007·5	007·9	008·1	008·2	008·2	007·9	005·7
12	007·7	007·1	006·6	006·2	005·5	005·0	004·3	002·8	003·3	003·0	003·1	002·3	002·7	002·4	002·6	002·2	002·6	002·9	003·5	003·8	004·4	004·8	005·0	005·2	004·2
13	005·3	005·7	006·1	006·4	007·0	007·7	008·4	009·1	009·9	010·3	011·3	012·5	013·5	014·1	014·9	015·5	016·5	017·2	018·0	018·8	019·6	020·2	020·5	020·9	012·6
14	021·3	021·8	022·0	022·4	022·5	023·0	023·4	024·1	024·3	024·4	024·9	024·8	024·9	025·1	025·2	025·3	025·7	025·8	026·2	026·6	026·8	026·7	026·7	026·6	**024·5**
15	026·3	026·4	026·4	025·8	025·6	025·5	025·4	025·3	025·0	024·8	024·6	024·2	023·8	023·4	023·1	023·0	023·0	022·9	023·0	023·2	023·2	023·1	023·1	023·1	024·4
16	023·1	022·9	022·7	022·4	022·5	022·6	022·5	022·2	022·0	021·6	021·4	021·2	020·9	020·5	020·2	019·9	019·6	019·3	019·2	019·2	019·1	019·1	018·7	018·4	021·0
17	018·2	017·9	017·6	016·9	016·8	016·8	016·9	016·7	016·3	016·0	015·8	015·7	015·3	015·0	015·0	014·7	014·7	014·9	015·0	015·1	015·0	015·0	014·9	014·7	015·9
18	014·6	014·3	013·9	013·6	013·5	013·5	013·8	013·9	013·8	013·6	013·4	013·3	013·3	013·1	013·0	012·8	012·8	012·6	012·6	012·8	012·7	012·4	012·1	011·7	013·3
19	011·5	011·3	011·0	010·9	010·6	010·6	010·5	010·6	010·6	010·5	010·5	010·4	010·2	010·2	010·1	009·7	009·3	009·3	009·5	009·5	009·6	009·5	009·5	009·5	010·3
20	009·3	009·0	008·9	008·6	008·4	008·3	008·2	008·1	008·0	007·9	007·7	007·5	007·2	006·9	006·4	005·9	005·8	005·5	005·6	005·7	005·6	005·3	005·1	004·7	007·2
21	004·4	004·1	003·9	003·8	003·5	003·4	003·5	003·3	003·2	003·2	003·2	003·3	003·3	003·3	003·4	003·4	003·3	003·4	003·6	004·0	004·1	004·2	004·2	004·4	003·6
22	004·5	004·6	004·6	004·9	004·9	005·0	005·2	005·0	005·3	005·4	005·3	005·3	005·4	005·2	005·0	004·8	004·4	004·0	003·9	003·9	003·5	003·2	002·4	002·2	004·5
23	001·8	001·5	001·4	001·5	001·8	002·0	002·3	002·7	002·8	002·9	002·8	002·7	002·7	002·8	002·6	002·3	002·0	002·3	002·4	002·5	002·3	002·3	002·3	002·2	002·3
24	002·1	001·9	001·7	001·8	001·9	001·9	002·1	002·3	002·6	002·9	003·1	003·1	003·3	003·3	003·6	003·6	004·0	004·3	004·9	005·1	005·4	005·5	006·0	006·3	003·4
25	006·4	007·0	007·3	007·5	008·1	008·5	009·1	009·4	009·5	010·0	010·3	010·5	011·1	011·4	011·3	011·3	011·5	011·7	012·2	012·9	013·2	013·1	013·0	012·7	010·2
26	012·5	012·0	011·6	011·2	010·8	010·3	009·9	009·1	008·6	007·9	007·6	007·5	006·8	007·1	006·9	006·8	006·4	006·6	006·8	007·3	007·4	007·5	007·2	007·4	008·6
27	007·5	007·2	007·2	007·1	006·8	006·8	006·9	006·7	006·5	006·4	006·3	006·5	006·4	006·5	006·5	006·7	007·2	007·6	008·5	009·3	009·7	010·1	010·6	010·9	007·5
28	011·0	011·6	012·0	012·1	012·6	013·0	012·8	013·1	013·0	012·4	011·9	011·4	011·0	010·3	009·2	008·3	008·1	007·5	006·9	006·5	006·3	006·5	007·0	007·1	010·1
29	007·2	007·5	007·6	007·6	007·2	007·4	007·9	007·7	008·0	008·1	008·3	008·3	008·9	009·5	010·2	010·8	011·3	012·6	013·6	014·7	015·6	016·2	017·0	017·3	010·2
30	017·8	018·7	018·9	018·8	019·3	018·8	019·9	020·0	020·1	019·8	019·7	019·1	018·9	018·3	017·8	017·5	016·7	015·9	015·5	015·1	014·5	014·1	013·4	012·8	017·7
31	012·4	011·7	011·1	010·9	010·5	010·1	009·9	010·0	010·0	009·7	009·5	009·2	009·2	009·4	009·5	009·4	009·0	009·0	008·9	009·4	009·1	008·8	008·3	007·8	009·8
Mean (Station level)	1009·05	1008·97	1008·88	1008·80	1008·77	1008·77	1008·88	1008·89	1008·92	1008·84	1008·85	1008·79	1008·78	1008·74	0108·69	**1008·57**	1008·58	1008·69	1008·95	1009·23	1009·35	1009·36	**1009·37**	1009·28	1008·91
Mean (Sea level)	1012·21	1012·13	1012·04	1011·96	1011·93	1011·93	1012·03	1012·03	1012·05	1011·96	1011·97	1011·91	1011·89	1011·85	1011·80	**1011·68**	1011·70	1011·81	1012·07	1012·36	1012·49	1012·51	**1012·53**	1012·44	1012·04
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

23. Aberdeen : H*b* (Height of barometer cistern above M.S.L.) =26·0 metres. **September, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	007·6	007·2	007·2	00619	006·3	006·3	006·7	006·7	006·8	006·6	006·3	006·0	006·0	006·2	005·9	005·9	005·9	00·59	005·8	005·9	006·2	006·4	006·7	006·9	006·5
2	007·3	007·5	007·6	007·7	008·2	008·3	008·2	008·2	008·1	007·7	007·3	006·8	006·4	006·1	005·5	004·7	004·0	003·2	003·4	001·9	001·3	000·5	999·6	998·8	005·5
3	999·6	000·5	000·9	001·8	002·3	002·9	003·1	003·4	004·1	005·4	006·2	006·7	007·7	008·0	008·1	008·6	009·4	009·7	009·8	009·9	010·0	010·4	010·0	009·8	005·9
4	009·3	009·0	008·6	008·6	008·9	008·8	008·8	008·8	009·1	009·1	009·2	009·5	009·4	009·4	009·5	009·2	009·0	009·2	009·0	008·7	008·6	008·8	008·8	008·5	009·0
5	008·2	007·4	007·4	006·9	006·2	005·5	005·8	005·4	005·4	005·2	005·1	005·4	005·6	005·6	005·5	005·7	006·0	006·2	006·4	006·5	006·6	006·5	006·5	006·6	006·2
6	006·7	006·8	007·1	007·7	007·9	008·7	009·3	009·7	010·5	011·0	011·5	011·9	012·2	012·5	012·6	012·2	012·4	012·9	013·3	013·4	013·5	013·5	013·6	013·6	010·9
7	013·6	013·3	012·9	012·7	012·4	012·4	012·0	011·8	011·7	011·2	010·6	010·3	010·0	009·7	009·4	009·0	009·2	009·4	009·6	010·0	010·2	010·4	010·4	010·3	011·0
8	010·3	010·2	010·1	010·2	010·2	010·3	010·5	010·6	010·5	010·3	010·0	010·0	009·9	009·7	009·6	009·1	009·0	008·7	008·4	008·2	008·0	007·6	007·2	006·7	009·5
9	006·1	005·7	005·1	004·6	004·0	003·7	003·3	003·0	002·9	002·6	002·3	002·2	002·0	002·1	002·0	002·0	002·2	002·5	003·3	003·8	004·0	004·3	004·5	004·7	003·5
10	004·8	005·0	005·1	005·1	005·1	005·1	005·2	005·3	005·7	006·4	006·8	007·2	007·8	008·0	008·5	009·1	009·8	010·6	011·1	011·7	012·2	012·6	012·9	013·2	007·9
11	013·5	013·7	013·8	014·1	014·5	014·8	014·9	015·4	016·0	016·2	016·3	016·4	016·2	016·3	016·4	016·7	017·0	017·1	017·4	017·7	018·1	018·2	018·4	018·6	016·0
12	018·4	018·4	018·3	018·4	018·7	019·1	019·5	019·9	020·1	020·4	020·6	020·9	021·2	021·2	021·2	021·3	021·3	021·5	022·1	022·4	022·4	022·5	022·5	022·4	020·5
13	022·4	022·3	022·2	022·1	022·2	022·2	022·3	022·4	022·4	022·4	022·2	021·9	021·6	021·1	020·7	020·2	019·9	019·9	019·8	019·7	019·3	019·0	018·7	018·4	**021·1**
14	018·3	017·9	017·6	017·4	017·5	017·7	017·8	018·0	018·1	017·7	017·7	017·5	017·4	017·2	017·1	017·0	017·1	017·3	017·6	017·7	017·7	017·6	017·6	017·6	017·6
15	017·7	017·6	017·4	017·3	017·3	017·5	017·6	017·7	017·7	017·4	016·9	016·6	016·0	015·4	014·8	014·2	013·5	012·8	012·4	011·8	011·0	010·9	009·7	008·8	015·2
16	007·9	007·1	006·9	006·3	006·2	005·9	005·9	006·1	006·3	006·3	006·2	006·3	006·5	006·5	006·6	006·9	006·9	007·6	008·2	008·1	008·2	008·4	008·8	009·0	007·0
17	008·9	008·7	008·5	008·6	008·8	008·9	008·9	008·8	008·7	008·8	008·5	008·1	007·7	007·6	007·2	007·0	006·7	006·3	006·1	005·8	005·4	004·8	004·6	004·4	007·5
18	004·0	003·6	003·3	003·0	002·7	002·6	002·8	002·8	002·9	002·9	003·0	003·1	003·0	003·2	003·0	002·9	002·8	003·2	003·4	003·5	003·4	003·4	003·3	003·2	003·1
19	003·2	002·8	002·6	002·1	001·8	001·4	000·8	000·8	000·5	000·0	999·4	998·8	997·8	996·8	996·1	994·7	993·6	992·6	991·2	990·1	988·6	986·6	984·7	983·1	986·7
20	981·6	980·6	979·6	979·3	979·5	980·3	981·6	982·7	983·8	985·1	986·0	986·6	987·2	988·1	988·7	989·1	989·6	990·3	990·5	990·9	991·1	991·2	991·1	990·9	**985·9**
21	990·7	990·8	990·4	990·3	998·9	989·9	990·1	990·1	990·1	990·2	990·2	990·2	990·1	990·2	990·3	990·3	990·7	991·2	991·6	992·2	992·6	992·6	992·8	992·8	990·8
22	992·8	992·6	992·5	992·1	991·8	991·8	991·8	991·7	991·3	990·8	990·0	989·6	989·0	988·1	987·3	986·4	985·4	985·1	984·5	983·3	982·2	981·3	980·6	979·5	988·3
23	979·1	978·8	978·5	978·5	979·3	980·0	981·0	981·9	983·0	984·4	985·5	986·2	987·3	988·3	989·3	990·6	991·8	992·9	993·9	994·8	995·6	996·0	996·6	997·1	996·7
24	997·3	997·4	997·9	998·6	999·1	999·6	000·4	001·0	002·0	002·4	002·2	002·5	002·9	003·5	004·1	004·2	004·5	004·6	005·2	005·6	005·4	006·2	006·4	006·3	002·3
25	006·9	007·2	007·3	007·4	007·4	007·7	008·0	008·2	008·3	007·9	007·4	007·5	007·3	006·8	006·0	005·5	005·3	005·1	004·8	004·5	004·1	003·9	003·6	003·1	006·4
26	002·9	002·5	002·2	002·3	002·4	002·6	002·8	003·1	003·5	004·1	004·7	005·4	006·0	006·7	007·4	008·2	009·0	010·3	011·4	012·3	013·2	014·1	014·4	014·6	006·7
27	015·0	015·4	015·8	016·2	016·5	017·0	017·7	018·4	019·3	019·8	019·9	020·4	020·9	021·1	021·4	021·1	021·5	021·7	022·1	021·7	021·7	021·2	021·1	020·3	019·3
28	019·4	019·0	018·3	017·6	016·9	016·7	016·4	016·4	016·1	015·6	014·8	014·2	013·6	013·0	012·4	012·1	011·3	011·6	011·4	011·2	010·7	010·2	009·6	009·1	014·3
29	009·1	009·1	009·0	009·1	009·2	009·4	009·7	010·7	011·6	012·8	013·4	013·9	014·9	015·4	015·7	016·3	017·1	017·5	018·3	018·6	018·7	019·2	019·4	019·5	013·9
30	019·5	019·3	019·3	019·2	019·6	019·7	020·0	020·1	020·1	020·0	019·9	019·8	019·9	019·7	019·9	019·8	020·2	020·9	021·2	022·2	021·9	021·9	022·4	022·8	020·3
Mean (Station level)	1006·74	1006·58	1006·45	**1006·40**	1006·43	1006·56	1006·76	1006·97	1007·22	1007·36	1007·34	1007·40	1007·45	1007·45	1007·41	1007·33	1007·40	1007·59	**1007·77**	1007·77	1007·73	1007·67	1007·55	1007·35	1007·18
Mean (Sea level)	1009·92	1009·77	1009·64	**1009·59**	1009·62	1009·75	1009·94	1010·15	1010·39	1010·52	1010·50	1010·55	1010·60	1010·60	1010·56	1010·48	1010·56	1010·76	1010·94	**1010·95**	1010·91	1010·85	1010·73	1010·53	1010·35

24. Aberdeen : H*b* =26·0 metres. **October, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	023·0	022·9	022·7	022·9	023·4	023·5	024·4	025·0	025·1	025·2	025·1	025·1	025·0	025·2	024·9	024·6	024·7	025·1	025·2	025·3	025·1	024·8	024·2	023·9	024·4
2	023·6	023·2	023·2	023·4	023·6	023·9	024·2	024·6	024·6	024·8	024·5	023·9	023·7	023·0	022·6	022·1	021·5	021·2	021·0	020·7	020·4	019·4	018·7	017·4	022·6
3	016·9	016·2	015·0	014·4	013·5	012·7	012·7	013·0	013·8	013·9	015·0	015·9	016·6	017·5	018·3	018·4	018·7	019·6	020·0	020·6	021·0	021·5	021·7	022·2	016·9
4	022·7	023·1	023·3	023·6	024·2	024·4	025·3	025·8	026·2	026·4	026·2	026·3	025·8	025·2	024·6	024·2	024·0	024·4	024·4	024·2	023·9	023·8	023·7	023·4	024·5
5	023·3	023·4	023·2	023·0	022·8	022·7	023·1	023·8	024·8	025·2	025·0	024·8	024·7	024·5	024·3	024·1	023·9	023·4	023·1	022·3	021·7	020·7	020·1	019·4	023·3
6	018·6	017·7	016·8	016·6	016·5	016·4	016·3	016·4	016·6	016·6	016·6	016·5	016·2	016·1	016·2	015·9	016·1	016·3	016·4	016·6	017·3	017·8	018·5	018·6	016·8
7	018·7	019·3	019·6	020·1	020·5	021·2	021·8	022·5	023·1	023·7	023·9	024·4	024·5	024·8	025·0	025·4	025·8	026·2	026·5	026·9	027·3	027·3	027·5	027·3	023·7
8	027·5	027·7	027·5	027·8	028·2	028·5	028·6	029·0	029·2	029·3	029·0	028·9	028·9	028·8	028·6	028·8	028·8	028·9	029·1	029·1	029·1	029·2	029·2	029·1	**028·7**
9	029·0	028·9	028·8	028·8	028·7	028·5	028·4	028·4	028·1	028·0	028·1	028·3	027·9	027·5	027·4	027·3	027·2	027·2	027·5	027·3	027·0	026·8	026·4	025·8	027·9
10	025·6	025·3	025·2	025·1	024·6	024·0	023·5	023·2	023·0	022 7	022·4	022·2	021·5	021·1	020·6	020·2	020·3	020·7	020·5	020·0	020·1	020·0	020·0	019·7	022·3
11	019·5	019·4	019·3	019·3	019·4	019·2	019·1	019·1	018·7	018·1	017·4	016·9	015·8	014·4	013·5	012·2	011·3	011·1	010·8	010·7	011·4	012·3	013·0	013·3	015·8
12	013·5	013·6	013·5	013·4	013·5	013·6	013·9	014·0	014·1	014·1	014·1	013·9	013·7	013·3	013·3	013·0	013·0	012·6	011·9	011·6	011·2	010·9	010·3	010·1	013·0
13	009·8	009·0	008·2	007·6	007·0	006·6	006·6	006·0	005·9	005·4	004·9	004·5	004·1	004·1	004·2	004·1	004·5	005·0	004·6	004·9	004·9	004·8	004·6	004·9	005·8
14	004·8	004·8	005·6	005·8	005·8	005·8	006·8	003·5	008·4	008·6	009·4	009·8	009·6	009·8	009·9	009·9	010·1	010·9	011·0	011·3	011·4	011·7	011·5	011·5	008·7
15	011·2	011·4	011·4	011·5	011·6	011·8	012·1	012·5	012·8	013·2	013·3	013·2	013·0	013·0	012·8	012·9	013·0	013·5	013·8	014·0	013·9	014·5	014·8	015·0	012·9
16	015·1	015·1	015·2	015·3	015·9	016·1	016·3	016·6	016·7	016·6	016·9	017·1	017·2	017·0	017·1	016·5	016·6	016·8	016·7	016·1	015·3	015·1	014·2	013·5	016·1
17	012·3	011·1	009·8	008·0	005·2	002·6	000·6	998·3	995·8	994·8	994·5	994·7	994·9	995·1	995·2	995·5	995·8	996·2	996·2	995·4	995·0	994·5	994·1	994·1	999·1
18	994·3	994·9	996·0	996·8	998·7	000·9	002·9	004·6	006·0	006·9	007·7	008·3	008·9	009·7	010·0	010·5	011·1	011·9	012·1	012·3	012·4	012·6	012·6	012·7	016·1
19	013·1	013·3	013·3	013·4	013·5	013·8	014·4	014·7	014·8	014·9	014·7	014·6	014·6	014·3	014·1	014·0	014·2	014·1	013·8	013·4	012·8	012·2	011·2	010·6	013·7
20	010·0	009·1	008·1	006·9	005·9	005·0	004·3	003·9	003·1	002·4	001·0	000·6	999·3	998·1	996·8	995·9	994·9	994·0	993·3	992·2	991·5	991·0	980·5	989·7	999·9
21	989·4	989·2	988·7	988·4	988·1	987·5	987·1	987·3	986·7	985·9	985·9	985·6	985·6	985·3	985·3	985·3	985·3	985·1	984·4	983·6	983·2	982·7	982·0	981·6	986·0
22	981·1	980·4	979·8	979·3	978·9	978·3	977·9	977·1	976·9	976·0	975·4	975·0	974·4	973·8	973·4	972·8	972·5	972·4	971·8	971·4	970·5	969·7	968·9	967·4	975·1
23	965·6	963·6	962·3	961·7	961·4	960·9	960·4	959·6	959·0	958·0	957·6	957·3	957·5	957·9	958·6	959·7	960·7	961·8	962·8	963·6	964·4	965·1	965·6	966·0	**961·3**
24	966·0	966·2	966·3	966·3	967·0	967·4	968·0	968·5	968·9	969·2	969·6	969·9	970·2	970·8	971·4	071·8	972·8	973·4	974·5	975·2	975·9	976·6	977·3	978·0	970·6
25	978·7	979·5	980·1	981·2	982·1	983·2	984·3	985·4	986·4	987·4	988·2	989·2	989·6	990·0	990·5	990·9	991·6	992·1	992·3	992·2	992·6	992·4	992·7	992·7	987·4
26	992·7	992·2	991·9	992·3	992·3	992·0	991·3	991·0	990·4	989·1	988·1	986·6	984·2	982·6	980·7	978·6	977·1	977·5	978·9	980·5	980·9	981·1	981·3	981·3	985·8
27	981·2	980·9	980·3	979·1	979·4	979·6	979·5	979·8	980·0	980·1	980·1	979·6	979·2	978·7	978·6	978·7	979·1	979·8	980·9	982·3	984·1	985·5	986·9	988·3	980·8
28	989·0	991·1	993·0	994·3	995·8	996·7	997·6	998·6	999·0	999·4	999·9	000·1	000·3	000·6	000·7	000·8	000·7	000·7	000·0	999·4	998·6	997·6	996·3	995·5	997·6
29	994·5	994·5	993·5	993·4	994·2	994·5	995·5	996·2	997·2	997·7	998·3	998·4	998·4	998·5	999·0	998·5	998·6	998·7	998·5	998·4	998·2	998·4	998·4	998·6	997·0
30	998·6	998·3	998·5	998·7	999·1	999·1	999·3	000·1	000·4	000·3	000·3	000·3	000·6	000·6	000·7	001·2	001·1	001·5	001·9	002·2	002·7	002·8	002·8	002·9	000·5
31	002·9	002·9	003·0	003·0	003·6	003·8	004·4	004·8	004·9	005·8	006·3	006·5	006·7	006·9	007·2	007·3	007·4	007·6	007·6	007·5	007·4	007·5	007·6	007·4	005·7
Mean (Station level)	1005·55	1005·43	1005·26	1005·21	1005·30	1005·30	1005·50	1005·72	**1005·83**	1005·80	1005·79	1005·75	1005·57	1005·43	1005·34	**1005·20**	1005·24	1005·47	1005·53	1005·52	1005·52	1005·49	1005·37	1005·22	1005·48
Mean (Sea level)	1008·74	1008·62	1008·45	1008·40	1008·49	1008·49	1008·69	1008·91	**1009·01**	1008·97	1008·96	1008·91	1008·73	1008·59	1008·50	**1008·36**	1008·41	1008·65	1008·71	1008·70	1008·70	1008·68	1008·56	1008·41	1008·66
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

25. Aberdeen : H_b (height of barometer cistern above M.S.L.) = 26·0 metres. **November, 1925.**

Station Level

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	007·3	007·4	007·1	007·1	007·1	007·2	007·4	007·5	007·2	007·0	006·6	005·8	005·0	004·4	003·4	002·9	002·4	001·7	001·1	000·3	999·6	999·0	998·2	998·0	004·4
2	997·4	997·0	996·6	996·0	995·4	995·0	994·4	994·2	994·0	993·9	994·2	994·3	994·2	994·4	994·7	995·1	995·4	995·6	995·6	995·7	996·1	996·2	996·4	996·6	995·4
3	996·6	996·4	996·2	996·1	995·9	995·7	995·5	995·4	994·9	994·6	994·1	993·7	993·1	992·3	992·0	991·6	991·4	991·4	991·3	991·2	991·3	991·7	992·1	993·0	**993·7**
4	993·6	994·6	995·4	996·3	997·0	997·8	998·5	999·3	000·0	000·7	001·3	001·5	001·8	001·9	002·0	002·3	002·5	002·6	002·5	002·5	002·5	002·7	002·6	002·4	000·0
5	002·4	002·3	002·2	002·2	002·3	002·3	002·5	002·8	003·1	003·5	003·9	004·0	004·0	004·1	004·4	004·7	004·9	005·4	005·5	005·8	006·2	006·6	007·1	007·6	004·1
6	008·2	008·7	009·0	009·1	009·7	009·8	010·2	010·5	010·6	010·6	010·6	010·2	010·0	009·7	009·0	008·4	007·6	006·8	006·0	005·4	004·8	004·3	003·5	002·7	008·2
7	001·7	000·7	999·6	998·6	997·8	997·1	996·4	995·9	995·3	994·6	993·8	993·3	992·8	992·3	991·9	991·6	991·4	991·6	991·6	991·5	991·5	991·8	992·0	992·4	994·7
8	992·6	993·0	993·5	993·7	994·0	994·5	994·8	995·3	995·7	996·6	996·5	996·7	996·4	996·2	996·3	996·8	997·2	997·6	997·5	997·6	997·6	997·2	997·0	996·9	995·8
9	996·8	996·7	996·5	996·3	996·3	996·0	996·2	996·4	996·4	996·4	996·3	996·1	996·1	996·2	996·2	996·6	997·2	997·5	997·7	998·1	998·3	998·5	999·1	999·4	996·9
10	000·0	000·0	000·1	000·3	001·0	001·9	002·9	003·6	004·9	005·8	007·3	007·9	008·7	009·7	010·8	012·2	013·8	014·8	015·7	016·9	017·9	018·5	019·2	019·8	008·5
11	020·4	021·1	021·8	022·0	022·9	023·5	024·4	024·9	025·7	026·5	026·7	027·0	027·3	027·3	027·3	027·7	027·8	028·4	028·4	028·5	028·4	028·4	028·4	028·4	025·8
12	028·2	028·2	028·0	027·9	027·6	027·7	027·6	027·4	027·5	026·7	026·5	026·1	025·5	025·2	025·0	025·1	025·0	024·8	024·7	024·4	024·2	023·7	023·6	023·2	026·1
13	022·9	022·8	022·0	021·3	020·6	020·3	019·9	019·9	019·8	019·0	018·7	018·1	017·2	016·5	015·8	015·5	015·4	015·2	015·0	014·5	014·3	014·0	014·0	013·7	018·0
14	013·3	012·8	012·6	012·2	011·9	011·9	011·7	011·9	012·0	012·0	011·9	011·8	011·6	011·3	011·3	011·3	011·1	011·2	011·3	011·5	011·6	011·7	011·8	011·8	011·9
15	011·9	011·9	011·7	011·8	011·7	011·8	012·3	012·7	012·8	013·4	013·5	013·0	012·8	012·8	012·8	013·2	013·0	013·1	013·4	013·5	013·5	013·9	013·9	013·6	012·8
16	014·0	014·6	015·1	015·5	016·6	017·4	018·2	019·6	020·6	021·8	022·9	023·2	023·3	023·8	024·4	025·1	025·8	026·3	027·1	027·4	028·1	028·3	028·5	029·1	022·0
17	029·1	029·1	029·1	029·1	029·5	029·6	030·0	030·3	030·5	031·1	031·5	031·3	031·3	031·1	031·2	031·3	031·4	031·7	031·8	031·9	032·1	032·0	032·0	032·0	030·8
18	031·5	031·5	031·7	031·9	032·1	032·1	032·0	032·2	032·5	032·7	033·0	032·4	032·8	032·7	032·5	032·5	032·3	032·6	032·6	032·4	032·7	032·4	032·1	031·4	**032·3**
19	031·6	031·7	031·8	031·8	030·9	030·7	030·6	030·8	031·5	031·5	031·2	030·8	030·4	030·1	030·1	030·1	030·0	029·9	030·2	030·0	029·9	029·9	029·7	029·5	030·7
20	029·4	029·3	029·3	028·9	028·9	028·8	028·9	029·0	029·4	029·7	029·6	029·3	028·8	028·2	027·9	027·9	028·0	027·9	027·7	027·6	027·5	027·2	026·8	026·5	028·5
21	026·2	025·9	025·5	025·0	024·3	024·1	023·7	023·7	023·4	023·3	023·0	022·4	021·7	020·8	020·3	020·0	019·7	018·9	018·5	018·1	017·6	016·8	016·4	015·5	021·7
22	014·9	014·1	013·2	012·6	012·1	011·4	011·0	010·7	010·8	011·0	011·1	011·1	010·9	010·7	010·8	011·5	012·0	012·7	013·1	013·5	013·9	014·1	014·4	014·5	012·4
23	014·6	014·9	015·1	015·3	015·5	015·5	015·4	015·6	015·8	016·1	016·1	016·1	016·1	016·2	016·4	017·0	017·2	017·7	018·3	018·4	019·0	018·7	018·5	018·0	016·5
24	018·0	017·1	016·7	016·3	015·4	014·7	014·4	014·3	014·2	013·7	013·3	012·6	011·7	010·6	009·3	008·5	008·0	007·5	006·7	005·6	004·0	002·5	004·3	005·1	011·3
25	006·3	007·0	007·9	008·5	009·5	010·4	011·2	012·4	013·1	013·6	014·1	014·2	014·5	014·3	014·8	015·4	016·0	016·5	016·5	016·6	016·9	016·9	017·2	017·2	013·1
26	017·0	017·1	016·9	017·0	016·9	017·1	017·3	017·2	016·8	016·3	016·1	015·6	014·5	013·7	013·1	012·2	011·3	009·8	008·2	006·8	005·6	005·1	005·1	004·3	013·2
27	005·2	005·2	004·9	004·2	004·8	005·1	005·6	006·5	006·7	006·7	006·4	005·7	005·5	005·4	005·4	005·4	005·5	005·2	004·8	004·1	003·8	003·2	002·4	001·8	005·0
28	001·5	001·2	000·8	000·5	000·2	000·5	000·4	001·0	001·3	002·2	002·7	002·4	002·1	001·6	001·7	002·1	002·1	002·6	002·9	003·7	004·0	004·3	004·4	004·5	002·1
29	004·8	004·8	004·6	004·3	003·7	003·2	002·7	002·2	001·3	000·1	999·2	997·6	996·4	995·3	994·2	993·4	992·8	992·0	991·7	991·5	991·2	991·0	991·0	990·7	997·8
30	990·7	990·9	990·8	991·1	991·8	992·9	993·9	995·0	996·0	997·0	997·5	998·3	999·2	000·1	000·9	002·0	003·0	003·8	004·5	005·3	005·9	006·5	007·1	007·4	998·5
Mean (Station level)	1010·94	1010·93	1010·86	**1010·76**	1010·78	1010·87	1011·00	1011·27	1011·46	1011·60	**1011·65**	1011·42	1011·19	1010·96	1010·86	1010·98	1011·04	1011·09	1011·06	1011·01	1011·00	1010·90	1010·96	1010·90	1011·06
(Mean (Sea Level)	1014·21	1014·20	1014·13	**1014·03**	1014·05	1014·14	1014·27	1014·54	1014·73	1014·86	**1014·90**	1014·66	1014·43	1014·19	1014·09	1014·22	1014·29	1014·35	1014·32	1014·27	1014·26	1014·16	1014·22	1014·17	1014·32

26. Aberdeen : H_b = 26·0 metres. **December, 1925.**

Station Level

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	007·3	007·4	008·0	008·4	008·7	008·9	009·3	009·6	010·3	010·4	010·4	010·3	010·7	010·5	010·9	011·4	011·8	012·4	012·7	012·7	013·2	013·3	013·7	013·7	010·5
2	013·9	014·2	014·4	014·4	014·5	015·0	015·0	015·8	016·1	017·1	016·9	016·7	016·8	016·7	016·5	016·8	017·2	017·8	018·6	019·1	019·6	019·9	020·4	020·6	016·7
3	020·8	020·9	021·1	021·6	022·0	022·2	022·4	023·1	023·5	024·2	024·5	024·8	025·0	025·5	025·7	026·1	026·6	027·0	027·4	027·8	028·2	028·5	028·8	029·1	024·7
4	029·2	029·3	029·5	029·5	029·6	029·7	030·0	029·9	030·2	030·3	030·4	030·2	030·1	029·9	029·7	029·7	029·6	029·3	029·1	028·5	028·1	027·9	027·7	027·7	**029·4**
5	027·2	026·5	026·4	025·8	025·3	024·6	024·7	023·8	023·3	022·5	021·7	020·9	019·5	018·6	018·1	017·9	017·5	017·5	017·1	016·1	015·9	015·6	015·0	014·8	020·9
6	014·5	014·2	014·2	014·0	014·0	013·6	013·9	014·2	014·7	014·6	014·5	014·0	013·4	012·8	012·3	012·1	011·6	011·4	011·3	011·0	010·4	010·1	009·8	009·3	012·9
7	008·9	008·5	008·0	008·0	007·1	006·8	006·6	006·2	005·9	005·4	004·7	003·5	002·5	001·8	000·9	000·4	999·8	999·1	998·0	996·8	996·2	994·9	994·1	992·9	002·7
8	992·1	991·2	990·6	988·8	987·1	987·2	987·0	987·1	986·5	985·9	985·8	985·3	983·8	982·9	982·6	983·4	983·8	984·2	984·6	984·6	984·2	984·8	984·2	984·6	986·1
9	984·7	985·4	985·3	985·0	985·0	985·0	984·6	984·0	983·6	983·0	982·2	981·0	980·0	977·6	977·0	975·9	975·6	976·2	978·0	979·3	981·0	981·8	983·2	984·0	981·6
10	984·7	985·4	985·7	986·2	986·9	987·5	988·0	988·3	988·4	989·6	989·6	989·4	990·1	991·3	992·1	992·9	993·4	994·3	995·0	995·2	995·8	996·2	996·5	997·5	990·6
11	997·8	998·2	998·3	998·4	998·5	998·6	998·0	997·6	996·9	996·8	996·9	997·8	998·6	999·1	000·0	001·1	002·2	003·1	004·0	004·5	004·8	004·8	004·9	005·8	000·1
12	006·3	007·3	008·1	008·6	009·1	009·2	009·9	010·6	010·9	011·4	011·5	011·6	011·3	010·8	011·0	011·2	011·3	011·2	011·4	011·2	011·2	010·7	010·2	009·9	010·2
13	009·7	009·2	008·9	008·4	008·1	007·5	007·1	007·1	007·3	007·5	007·7	007·7	007·7	007·6	008·0	008·2	008·3	008·3	008·7	008·8	008·7	009·1	009·2	009·1	008·3
14	009·0	008·9	008·8	009·1	009·1	009·9	010·4	011·2	012·5	013·3	013·6	013·9	014·5	014·5	014·8	015·4	015·8	016·4	016·9	017·1	017·4	017·1	017·1	017·2	013·3
15	017·0	016·3	015·6	014·7	014·1	013·3	012·8	012·7	012·7	012·8	012·9	013·3	013·7	014·0	014·4	015·0	015·7	016·0	016·4	016·7	016·9	017·1	017·3	017·4	014·9
16	017·4	017·4	017·4	017·0	017·1	017·0	017·1	017·1	017·4	017·9	018·0	018·0	017·7	017·7	017·7	018·0	017·8	017·5	016·8	016·3	015·2	014·5	013·5	012·6	016·9
17	011·7	010·8	010·2	009·3	009·2	008·9	009·0	009·0	010·1	011·3	012·3	012·8	013·5	013·9	014·1	014·5	014·6	014·7	014·5	014·5	014·4	014·5	014·3	014·1	012·3
18	013·8	013·4	013·1	012·3	011·5	010·7	010·2	009·7	009·4	009·2	009·0	008·6	008·0	007·4	006·8	006·6	006·5	006·3	006·0	005·7	005·3	005·1	004·7	004·2	008·7
19	003·6	003·3	003·1	002·6	002·3	002·0	001·9	001·7	001·7	001·6	001·4	001·0	000·6	000·1	999·8	999·7	999·1	998·9	998·3	998·0	997·5	996·8	996·4	995·4	000·5
20	994·4	993·4	992·6	990·6	989·8	989·0	988·1	987·3	987·2	987·0	986·2	985·0	983·7	982·7	981·9	981·5	980·8	980·2	979·6	979·0	978·7	978·3	977·6	977·2	985·0
21	976·9	976·4	976·6	976·4	976·5	976·5	976·6	976·7	977·0	977·5	978·1	978·1	977·8	977·7	978·0	978·1	978·4	979·1	979·6	980·1	980·6	980·9	981·4	982·0	978·1
22	982·3	982·7	983·4	983·7	983·4	983·6	984·0	984·3	985·0	985·9	985·9	986·0	986·0	986·1	986·2	986·1	986·2	986·3	986·5	986·7	986·7	987·1	987·3	987·2	985·3
23	987·2	987·4	987·6	987·8	988·0	988·2	988·4	988·8	989·3	989·9	990·2	990·4	990·2	990·5	990·9	991·0	991·3	991·4	991·9	991·6	991·8	992·2	992·2	991·9	989·9
24	991·6	991·7	991·6	991·2	992·3	992·4	992·9	993·3	994·4	994·7	994·8	994·8	994·9	995·4	996·3	996·1	996·5	996·9	997·5	998·1	998·4	998·9	999·1	999·4	995·0
25	999·3	998·8	998·4	998·6	998·0	997·9	997·7	998·2	998·5	998·6	998·3	998·1	997·8	997·7	997·9	997·5	997·5	997·3	996·9	996·8	996·3	995·9	995·7	995·0	997·7
26	994·6	993·7	993·3	993·0	992·4	992·1	992·4	992·8	993·2	993·3	993·8	994·0	994·1	994·3	994·2	993·7	994·1	992·9	992·3	991·6	990·3	989·2	987·3	985·2	992·6
27	983·8	982·9	982·9	982·8	982·8	982·9	982·2	982·8	983·0	982·7	982·3	981·7	981·2	980·5	979·9	979·3	979·2	978·4	978·3	978·0	977·7	977·7	977·5	977·6	980·9
28	977·2	977·4	977·6	977·7	978·0	978·5	979·3	980·4	981·4	982·3	982·9	983·2	983·0	982·9	982·9	982·9	982·5	982·0	981·3	980·4	979·3	978·6	976·7	975·8	980·2
29	975·5	975·4	975·9	975·6	974·8	972·9	972·5	970·5	970·2	968·5	966·5	966·1	965·6	965·5	965·4	966·2	966·3	965·6	965·3	965·0	966·0	965·7	966·9	967·3	969·1
30	967·2	967·3	967·6	967·9	969·5	969·8	969·7	969·7	969·5	969·5	969·0	967·9	967·8	967·3	966·6	966·2	966·5	966·1	966·2	966·3	966·1	966·2	966·0	967·2	**967·6**
31	968·3	970·1	972·4	974·2	976·5	978·6	981·5	984·1	986·4	988·2	990·5	991·7	993·2	994·2	995·8	997·2	998·9	000·3	001·6	003·3	004·7	006·1	007·6	008·4	989·7
Mean (Station level)	998·96	998·87	998·92	998·76	998·75	**998·71**	998·81	998·95	999·24	**999·45**	999·44	999·28	999·12	998·95	998·98	999·10	999·24	999·29	999·41	999·38	999·37	999·34	999·24	999·16	999·11
Mean (Sea level)	1002·20	1002·11	1002·16	1002·00	1001·99	**1001·95**	1002·05	1002·19	1002·48	**1002·69**	1002·68	1002·51	1002·35	1002·18	1002·21	1002·34	1002·48	1002·53	1002·65	1002·62	1002·61	1002·58	1002·48	1002·40	1002·35
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

ANNUAL MEANS OF HOURLY VALUES.

From readings in millibars at exact hours, Greenwich Mean Time.

27. Aberdeen : $H_b = 26·0$ metres. **1925.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
	mb.	mb.	mb.	mb.	mb	mb	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Station Level.	007·05	006·92	006·81	**006·73**	006·79	006·87	007·05	007·20	007·34	007·40	007·42	007·33	007·22	007·08	007·01	006·99	007·05	007·17	007·29	007·37	**007·43**	007·40	007·34	007·24	007·14
Sea Level.	010·26	010·14	010·02	**009·94**	010·00	010·08	010·25	010·40	010·53	010·59	010·60	010·51	010·40	010·26	010·19	010·17	010·23	010·36	010·48	010·57	**010·63**	010·60	010·55	010·45	010·34

PRESSURE AT STATION LEVEL ; MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

28. Aberdeen : $H_b = 26·0$ metres. **1925.**

Month.	Mean.	Hour. 1.	G M T 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Jan.	1010·84	**−0·35**	−0·31	−0·33	−0·32	−0·24	−0·08	+0·18	+0·38	+0·62	+0·77	**+0·88**	+0·54	+0·19	−0·23	−0·35	−0·25	−0·13	−0·05	−0·05	−0·04	−0·06	−0·18	−0·29	−0·31
Feb.	**993·22**	+0·27	+0·02	−0·27	−0·41	−0·32	−0·32	−0·03	+0·17	+0·24	+0·26	+0·27	+0·08	−0·23	−0·57	**−0·72**	−0·58	−0·40	−0·07	+0·23	+0·38	+0·48	**+0·53**	+0·48	+0·48
Mar.	1015·99	−0·03	−0·19	−0·30	**−0·44**	−0·35	−0·25	−0·09	+0·04	+0·23	+0·35	**+0·44**	+0·37	+0·22	+0·01	−0·21	−0·29	−0·26	−0·13	+0·04	+0·16	+0·22	+0·23	+0·15	+0·07
April	1004·43	−0·23	−0·44	−0·57	**−0·63**	−0·53	−0·29	−0·12	+0·05	+0·19	+0·29	**+0·31**	+0·31	+0 27	+0·20	+0·13	+0·03	+0·02	+0·08	+0·15	+0·27	+0·25	+0·17	+0·14	−0·04
May	1003·49	−0·07	−0·23	−0·35	**−0·46**	−0·40	−0·32	−0·16	−0·07	−0·01	+0·01	−0·02	−0·01	+0·02	0·00	+0·03	+0·02	+0·05	+0·10	+0·24	+0·35	**+0·49**	+0·35	+0·28	+0·14
June	**1016·22**	+0·06	−0·09	−0·24	**−0·30**	−0·17	−0·10	+0·09	+0·13	+0·14	+0·11	+0·05	+0·01	−0·02	−0·06	−0·15	−0·19	−0·17	−0·13	−0·03	+0·09	+0·23	**+0·31**	+0·26	+0·18
July	1009·78	0·00	−0·13	−0·32	−0·34	**−0·35**	−0·23	−0·09	−0·01	+0·06	+0·06	+0·08	+0·08	+0·13	+0·11	+0·02	−0·08	−0·15	−0·06	−0·02	+0·13	+0·31	**+0·33**	+0·31	+0·16
Aug.	1008·91	+0·20	+0·12	+0·03	−0·06	−0·10	−0·10	−0·00	0·00	+0·02	−0·06	−0·06	−0·12	−0·14	−0·19	−0·24	**−0·37**	−0·36	−0·26	−0·01	+0·27	+0·38	**+0·39**	+0·38	+0·29
Sept.	1007·18	−0·22	−0·40	−0·55	**−0·61**	−0·61	−0·50	−0·32	−0·13	+0·10	+0·21	+0·17	+0·21	+0·24	+0·22	+0·16	+0·07	+0·11	+0·28	**+0·44**	+0·42	+0·36	+0·28	+0·14	−0·08
Oct.	1005·48	−0·15	−0·26	−0·41	**−0·44**	−0·33	−0·31	−0·08	+0·15	+0·28	+0·27	**+0·28**	+0·27	+0·11	−0·02	−0·08	−0·20	−0·14	+0·11	+0·19	+0·21	+0·23	+0·22	+0·12	−0·01
Nov.	1011·06	−0·13	−0·13	−0·21	**−0·30**	−0·28	−0·20	−0·06	+0·21	+0·40	+0·54	**+0·59**	+0·35	+0·13	−0·10	−0·20	−0·08	−0·02	+0·03	0·00	−0·05	−0·06	−0·16	−0·10	−0·16
Dec.	999·11	−0·13	−0·23	−0·18	−0·34	−0·36	**−0·40**	−0·29	−0·15	+0·13	**+0·34**	+0·32	+0·17	+0·01	−0·17	−0·14	−0·02	+0·12	+0·17	+0·29	+0·26	+0·25	+0·21	+0·11	+0·03
Year	1007·14	−0·06	−0·19	−0·31	**−0·39**	−0·34	−0·26	−0·08	+0·06	+0·20	+0·26	**+0·28**	+0·19	+0·08	−0·07	−0·15	−0·16	−0·11	+0·01	+0·12	+0·20	+0·26	+0·22	+0·16	+0·06

ABSOLUTE EXTREMES OF PRESSURE AT STATION LEVEL FOR EACH DAY.

Maximum and Minimum for the interval 0h. to 24h., Greenwich Mean Time.

29. Aberdeen : $H_b = 26·0$ metres. **1925.**

Month.	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	986·6	963·3	**019·9**	999·7	016·4	996·4	006·8	996·8	013·1	007·5	009·8	006·9	015·3	013·9	004·2	002·2	007·8	005·7	025·4	022·4	007·6	998·0	013·8	007·2
2	973·0	**958·6**	019·5	013·0	027·2	016·4	009·2	993·9	012·8	009·4	015·8	009·7	014·1	009·7	009·7	003·4	008·4	998·8	024·9	017·4	998·0	993·8	020·6	013·6
3	985·9	969·9	016·4	005·2	**033·0**	027·1	014·4	009·1	009·4	004·7	015·8	011·5	012·2	009·3	009·5	007·6	010·4	998·5	022·3	012·3	996·7	991·1	029·1	020·6
4	997·0	984·7	018·7	006·1	032·4	026·7	010·8	002·4	004·7	000·5	017·4	015·5	012·1	010·5	007·6	005·1	009·8	008·1	026·5	022·2	002·7	993·0	**030·4**	027·6
5	009·0	996·9	006·1	997·8	026·7	008·4	002·4	998·7	003·9	999·3	016·7	013·9	011·0	008·9	005·1	000·6	008·5	005·0	025·2	019·4	007·6	002·1	027·7	014·8
6	022·3	009·0	000·1	993·8	008·8	001·5	000·2	996·1	005·7	999·4	021·5	012·9	009·0	005·7	006·8	999·7	013·7	006·6	019·5	015·9	010·7	002·7	014·8	009·3
7	016·3	013·7	006·2	990·2	001·6	989·7	007·0	000·2	005·5	000·5	024·3	021·4	014·5	005·2	008·5	006·8	013·7	009·0	027·6	018·5	002·7	991·3	009·3	992·9
8	015·7	997 5	990·2	971·4	007·4	**988·7**	010·4	006·9	000 6	998·9	026·2	024·2	015·6	014·1	009·4	007·7	010·7	006·7	**029·3**	027·3	997·7	992·4	993·0	982·3
9	020·5	997·5	991·5	982·4	020·8	005·9	007·9	003·7	003·8	999·6	025·9	024·5	014·6	007·6	007·7	**997·3**	006·7	001·9	029·2	025·8	999·5	995·9	985·4	975·5
10	019·2	016·3	991·0	975·3	024·7	020·5	015·3	004·4	008·2	003·8	**028·7**	024·8	016·4	005·9	003·0	001·3	013·2	004·6	025·8	019·7	019·8	999·4	997·5	984·0
11	021·5	018·4	983·5	977·7	028·8	021·0	016·1	013·3	006·1	997·0	028·5	024·0	021·7	016·3	008·3	001·8	018·6	013·2	019·7	010·7	028·6	019·8	005·8	996·6
12	020·2	013·7	982·6	974·1	030·6	023·8	013·6	009·4	009·6	001·5	024·0	018·2	023·1	020·7	007·9	002·1	022·6	018·2	014·2	010·0	028·4	023·2	011·6	005·8
13	013·7	994·8	983·0	976·5	023·8	010·4	009·4	996·6	019·0	009·6	018·2	009·5	**024·3**	020·3	020·9	005·2	022·5	018·4	010·1	003·8	023·2	013·7	009·9	007·0
14	005·2	985·5	980·5	974·9	016·8	009·7	003·3	988·4	**022·5**	018·4	015·7	012·4	020·3	011·3	**026·9**	020·9	018·4	016·9	012·0	004·6	013·7	011·0	017·4	008·7
15	022·4	004·9	996·6	977·4	026·0	016·8	988·4	**976·7**	020·6	006·1	014·2	007·2	014·0	011·0	026·6	022·8	017·8	008·8	015·0	011·2	014·0	011·6	017·5	012·5
16	023·7	021·0	996·7	988·0	026·1	022·7	001·9	976·9	006·1	998·4	010·4	**004·3**	013·1	007·6	023·1	018·4	009·0	005·8	017·3	013·5	029·1	013·6	018·1	012·6
17	023·1	016·8	993·7	985·7	027·5	026·0	005·5	001·9	010·7	998·6	016·4	010·4	007·9	999·6	018·4	014·6	009·1	004·4	013·5	994·0	032·2	028·9	014·8	008·8
18	032·8	019·3	003·8	993·7	027·7	026·0	010·7	001·1	011·0	007·2	018·6	012·9	003·5	997·4	014·7	011·7	004·4	002·6	012·7	994·0	**033·1**	031·3	014·1	004·2
19	**040·6**	032·8	012·9	003·8	026·1	023·8	020·4	010·7	012·7	010·8	018·1	011·9	012·4	003·1	011·8	009·3	003·3	983·1	014·9	010·6	032·2	029·4	004·2	995·4
20	035·5	029·2	012·9	006·0	024·1	015·6	**024·5**	020·0	012·5	006·9	011·9	010·4	017·7	012·3	009 5	004·7	991·4	979·2	010·6	989·7	029·8	026·5	995·4	977·1
21	029·2	022·1	006·4	004·1	019·4	014·3	024·2	008·9	008·2	006·1	012·6	008·7	020·0	014·6	004·7	003·2	992·9	989 8	989·7	981·6	026·5	015·5	982·0	976·2
22	022·3	013·4	006·9	996·7	022·2	015·8	008·9	985·8	008·2	005·5	018·6	012·5	020 1	014·1	005·4	002·2	992·9	979·5	981·6	967·4	015·5	010·6	987·3	982·0
23	015·8	010·4	996·7	992·6	015·8	002·9	994·3	988·2	005·5	003·3	019·3	018·1	018·6	013·7	002·9	001·3	997·1	**978·4**	967·4	**957·3**	019·1	014·5	992·3	987·1
24	030·0	015·6	994·3	983·7	002·9	998·8	997·8	993·5	003·4	999·2	019·0	017·9	018·7	014·6	006·3	001·7	006·5	997·1	978·0	965·9	018·1	002·3	999·4	991·1
25	037·6	029·9	983·7	977·6	018·5	999·8	997·6	993·0	003·8	998·1	018·0	014·2	014·6	000·3	013·3	006·3	008·4	003·1	992·9	978·0	017·3	005·1	999·5	994·9
26	037·6	031·5	977·6	**962·7**	020·4	018·4	006·8	995·3	004·2	995·0	014·2	011·3	000·3	**994·2**	012·7	006·4	014·6	002·1	992·8	976·7	017·4	004·3	995·0	985·2
27	031·5	017·5	979·7	969·2	021·9	016·9	012·9	006·7	995·0	980·0	018·0	014·0	997·1	**994·2**	010·9	006·2	022·2	014·6	988·3	978·5	006·8	001·8	985·2	977·2
28	017·5	004·1	996·4	979·7	023·0	013·6	013·0	009·4	983·6	**978·1**	018·5	017·3	998·9	996·1	013·2	006·3	020·3	009·0	000·9	988·3	004·5	999·6	983·3	975·8
29	004·3	983·8	—	—	013·5	008·5	011·1	008·5	990·0	983·6	017·4	013·4	000·5	998·7	017·3	006·9	019·6	008·9	999·1	993·1	004·9	990·7	976·3	**964·7**
30	997·3	983·0	—	—	008·5	998·3	010·4	007·8	994·1	984·9	015·1	013·2	999·8	998·8	020·2	012·7	**022·9**	019·2	003·0	998·2	007·5	**990·5**	970·0	965·7
31	999·7	983·1	—	—	004·2	001·2	—	—	007·4	994·1	—	—	003·4	999·0	012·8	008·1	—	—	007·7	002·7	—	—	008·4	976·2
Mean	1016·35	1004·46	998·13	987·82	1020·22	1011·79	1008·51	1000·14	1006·51	1000·20	1018·29	1014·25	1012·41	1007·38	1011·59	1006·61	1010·58	1003·24	1009·58	1000·99	1014·83	1006·79	1003·52	994·31

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1012·3 mb. is written 012·3. This rule does not, however, apply to monthly means.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

30. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulb above the ground) = 12·5 metres. **January, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	75·0	75·0	75·0	75·1	74·7	75·6	74·5	74·1	74·3	75·6	75·7	75·6	76·4	77·9	78·0	78·9	80·0	80·0	80·9	80·2	79·2	77·4	76·8	76·5	76·7
2	77·0	76·9	77·6	78·2	76·9	77·0	76·4	76·4	76·4	76·3	76·6	76·9	74·6	73·5	73·4	73·5	73·6	73·9	74·1	73·7	74·1	74·1	74·4	74·7	75·5
3	74·9	74·5	75·0	74·6	74·4	75·1	75·1	74·6	74·5	75·0	76·1	76·3	75·8	76·1	75·7	76·2	75·8	75·2	75·4	75·6	76·0	75·4	75·4	75·4	75·3
4	75·2	74·0	74·1	74·0	73·7	73·2	72·7	72·5	72·2	74·5	74·7	76·0	76·4	76·8	76·0	75·4	74·6	74·2	73·7	73·6	73·0	72·8	72·6	72·9	**74·2**
5	73·8	73·1	73·5	74·0	73·6	72·7	72·6	72·6	74·1	75·0	75·2	76·1	76·0	75·7	75·7	75·1	74·4	74·8	74·1	74·1	74·5	75·6	75·4	75·4	74·4
6	75·0	74·7	74·1	74·0	74·0	73·9	74·2	73·7	74·3	74·0	74·6	74·5	75·1	75·1	75·0	74·9	75·9	76·0	76·1	75·9	75·8	76·1	76·3	77·5	75·0
7	78·2	77·3	78·7	79·3	79·4	79·9	80·1	79·6	78·7	79·4	80·3	80·4	80·8	81·1	80·9	80·3	79·3	79·2	79·6	78·7	79·0	78·6	78·4	78·2	79·4
8	78·1	78·2	78·5	78·3	78·1	78·1	78·0	78·1	78·1	77·6	78·0	78·4	78·6	78·9	78·9	79·1	78·8	79·1	79·1	79·4	79·2	79·1	79·2	78·9	78·6
9	79·6	79·4	78·4	78·4	77·4	77·2	77·2	77·5	77·3	77·6	77·8	78·3	78·8	78·8	78·4	77·6	77·5	77·6	77·2	77·2	77·0	76·6	76·0	75·8	77·8
10	75·1	75·2	75·6	75·9	77·7	78·2	77·8	77·9	77·7	79·0	79·6	80·5	81·4	80·9	80·9	81·0	80·4	80·6	80·6	80·6	80·1	80·3	80·4	80·2	79·0
11	78·6	78·8	79·9	79·7	80·0	78·9	78·5	78·9	79·8	80·6	80·7	81·3	81·3	81·0	80·6	80·0	79·8	79·1	79·3	78·6	78·6	78·5	78·7	78·6	79·2
12	78·2	77·6	77·5	77·5	77·5	78·0	78·4	78·5	78·6	78·9	78·9	79·0	79·2	79·1	78·9	78·8	78·9	78·6	79·0	79·2	79·0	79·0	78·9	78·7	78·6
13	78·6	78·4	78·4	78·1	77·5	77·6	78·0	78·6	78·6	79·2	80·0	80·4	80·9	81·3	81·4	80·9	80·9	81·0	81·0	81·0	80·8	80·9	80·9	80·8	79·8
14	80·8	80·5	80·2	80·1	80·6	81·8	82·3	83·4	81·8	80·9	80·8	80·9	81·0	80·8	80·6	80·3	80·0	79·6	79·0	79·2	79·1	79·1	78·4	78·8	80·5
15	78·2	78·2	78·5	78·4	78·0	77·4	77·5	77·2	76·7	77·4	77·8	79·0	79·6	79·8	79·5	79·0	78·4	78·3	78·4	78·2	78·1	77·1	77·6	78·0	78·2
16	79·3	79·4	79·9	79·6	79·6	80·4	80·3	79·7	79·5	78·8	79·2	79·6	79·6	79·4	79·6	78·5	78·0	77·4	77·0	77·3	77·5	77·4	77·0	76·9	78·8
17	76·6	76·3	76·1	76·1	76·4	76·5	77·0	76·4	76·2	76·9	78·0	78·5	79·3	79·5	80·1	81·5	81·6	82·1	82·4	82·3	81·9	82·1	81·8	81·8	79·0
18	82·3	82·4	82·4	82·1	81·9	81·4	82·4	82·6	82·9	83·4	83·4	83·7	83·6	83·4	82·8	82·1	81·2	80·8	80·6	80·3	79·7	78·6	77·9	77·6	**81·7**
19	77·7	75·6	75·1	75·0	74·0	74·2	74·0	73·0	72·9	73·4	73·7	74·9	76·4	79·3	79·4	79·0	79·0	79·2	79·7	79·6	79·7	79·7	79·9	79·9	76·8
20	79·9	80·0	79·9	79·9	79·5	79·2	79·4	79·6	79·6	79·6	79·7	79·8	79·9	79·8	79·8	79·7	79·6	79·1	79·1	78·9	79·1	79·4	79·4	79·0	79·6
21	78·7	78·8	78·8	78·7	78·7	78·6	78·6	78·6	78·6	78·7	78·8	78·6	78·8	78·7	78·7	78·7	78·8	78·9	78·6	78·4	78·3	78·6	78·6	78·5	78·7
22	78·4	78·3	78·0	77·8	77·5	76·8	76·9	77·3	77·6	77·7	78·1	78·4	78·4	78·4	78·3	78·2	78·1	78·0	77·8	77·9	77·9	78·1	78·3	77·7	77·9
23	77·5	77·6	77·6	77·4	77·1	77·4	77·6	77·8	77·8	77·9	77·8	77·8	77·6	77·3	76·6	76·7	77·0	77·2	77·6	77·8	77·8	78·0	78·0	78·1	77·5
24	78·3	78·6	78·6	78·6	78·0	76·1	75·6	75·6	74·5	73·7	74·3	75·0	75·4	76·6	77·6	76·5	74·7	73·2	72·9	72·5	72·2	71·9	72·0	71·4	75·3
25	71·4	71·9	72·7	73·5	74·1	74·6	74·5	74·7	74·3	74·1	74·4	75·2	77·8	78·7	78·8	78·7	78·7	79·1	79·2	78·9	79·1	79·1	78·9	78·6	76·1
26	78·3	78·6	78·8	78·3	78·4	77·7	77·8	78·2	78·3	77·9	78·6	79·0	79·0	79·0	79·2	79·0	78·2	78·3	79·0	79·0	78·9	78·7	78·3	77·7	78·5
27	77·7	77·5	78·0	78·2	78·4	78·3	78·1	77·8	77·8	77·7	77·9	78·4	77·8	77·7	76·8	77·3	77·2	77·2	77·2	77·4	77·5	77·4	77·4	77·3	77·7
28	77·3	77·0	77·2	77·6	77·5	77·4	77·2	77·4	77·6	77·7	77·5	77·4	77·6	77·6	77·5	77·3	77·4	77·6	77·6	77·7	77·6	77·7	77·5	77·0	77·5
29	76·7	75·9	75·0	74·9	75·4	75·7	76·8	76·8	77·8	78·7	79·3	79·6	79·5	79·4	77·8	77·1	75·8	75·7	75·8	75·8	75·9	75·6	74·9	75·4	76·8
30	75·5	75·2	76·2	76·6	76·9	76·0	77·0	76·0	77·2	77·6	78·3	78·8	79·4	78·6	78·7	78·6	78·7	79·7	81·3	81·5	82·4	83·4	83·7	83·2	78·6
31	81·8	81·1	80·8	79·7	79·3	78·9	77·9	77·6	77·5	78·6	79·1	79·6	79·7	79·5	79·2	78·5	77·1	76·8	76·1	76·1	76·1	75·3	75·2	75·6	78·4
Mean ...	77·5	77·3	77·4	77·4	77·3	77·2	77·2	**77·2**	77·2	77·5	77·9	78·3	78·6	**78·7**	78·5	78·3	78·0	78·0	78·0	78·0	77·9	77·8	77·7	77·6	77·8

31. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **February, 1925.**

	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	75·4	74·8	74·8	74·7	74·6	74·4	74·6	74·9	75·6	76·6	77·6	77·5	78·6	78·7	78·7	78·4	78·0	78·2	77·9	77·6	77·3	77·5	77·6	78·0	76·7
2	77·3	77·4	77·4	77·4	77·4	77·5	77·6	78·6	79·0	79·7	80·6	81·3	80·6	82·4	82·4	81·1	81·2	80·7	79·4	79·6	80·1	78·2	77·9	77·4	**79·3**
3	77·9	77·6	77·6	77·3	77·4	77·7	77·7	78·0	78·6	78·9	79·5	80·7	80·9	81·0	82·1	82·4	81·2	79·7	79·3	78·5	77·0	76·7	76·5	76·3	78·8
4	76·0	75·6	75·8	75·7	75·9	75·4	75·4	75·8	75·4	75·8	76·7	77·6	77·8	78·2	78·5	78·2	78·1	78·4	78·5	78·9	79·1	79·4	79·9	80·1	77·3
5	80·5	81·0	81·2	82·1	82·1	81·6	81·5	80·5	79·6	78·8	79·8	80·2	80·4	79·8	80·0	79·0	78·0	77·0	76·6	76·5	75·9	75·3	75·5	75·5	79·2
6	74·6	74·6	74·4	75·5	74·2	75·0	73·7	73·2	73·8	74·6	75·0	76·1	77·4	76·8	76·7	76·2	75·6	75·0	74·3	73·7	73·7	73·1	73·3	73·0	**74·8**
7	72·8	72·7	71·6	72·6	73·7	74·5	74·1	73·8	74·3	74·3	74·9	75·8	76·0	76·1	76·2	75·8	75·0	74·7	75·8	76·1	76·2	76·6	76·9	76·0	74·8
8	76·2	76·4	76·6	77·4	77·6	77·5	77·6	76·9	77·6	78·7	80·3	81·1	81·2	82·6	81·6	81·6	81·3	78·3	77·1	78·5	78·3	77·8	77·2	76·5	78·6
9	77·1	76·8	77·2	77·5	77·0	76·8	76·7	76·9	77·3	78·0	77·9	78·6	78·7	79·2	78·7	77·9	77·0	76·5	76·1	75·9	75·6	75·0	74·9	75·0	77·0
10	75·5	76·5	77·5	77·6	77·7	77·8	78·0	78·0	78·7	79·0	80·0	80·5	80·8	80·7	80·7	80·1	78·8	78·0	77·9	77·1	77·1	77·3	76·9	76·7	78·3
11	76·6	76·5	76·4	76·3	76·1	76·1	76·0	76·0	76·4	77·1	77·7	78·2	78·6	78·5	78·4	77·9	77·5	77·5	77·3	77·1	76·7	76·6	76·6	76·2	77·0
12	75·6	75·2	75·3	75·0	74·5	74·5	74·7	74·4	74·7	75·5	76·6	76·9	77·0	76·7	77·4	75·4	75·6	75·8	75·7	75·3	75·2	74·6	74·4	74·2	75·5
13	73·9	73·4	73·7	73·4	72·6	72·6	73·4	73·6	76·5	77·4	77·8	77·9	78·1	77·7	78·0	77·6	76·6	76·7	76·9	76·2	75·9	75·1	74·6	73·6	75·6
14	73·3	73·6	73·4	74·1	74·4	75·0	75·6	75·8	76·7	77·0	77·4	78·6	78·5	78·7	78·1	78·0	77·7	78·4	78·4	78·5	77·0	76·6	76·7	76·0	76·5
15	75·8	75·5	75·1	75·7	75·9	75·9	75·8	76·6	76·9	77·1	77·7	78·1	77·6	77·6	77·9	77·9	78·6	78·6	78·8	78·9	78·6	78·7	78·6	78·7	77·3
16	78·6	78·6	78·5	78·2	78·1	78·1	77·7	77·6	78·0	78·4	78·6	78·7	79·4	79·4	79·4	79·4	78·2	78·2	77·4	77·6	77·6	78·0	78·0	78·2	78·3
17	78·0	78·1	78·4	78·2	78·0	77·8	77·6	77·9	78·0	78·4	78·5	79·2	78·7	79·0	79·0	78·6	78·2	78·0	78·2	78·0	77·7	77·8	77·9	77·6	78·2
18	77·6	77·0	77·2	77·6	77·6	77·2	77·2	77·2	77·7	78·0	76·8	76·5	77·3	76·8	76·8	76·8	76·7	76·4	75·8	75·5	74·7	74·1	74·4	74·3	76·6
19	74·3	74·7	75·0	75·0	75·0	75·3	75·6	75·6	75·9	76·3	77·4	78·6	79·0	79·0	77·8	76·9	76·8	77·5	76·7	76·0	75·4	74·8	75·2	75·4	76·2
20	75·2	74·9	74·4	73·7	74·0	73·6	73·1	72·7	73·7	75·6	76·8	77·6	78·1	78·1	77·8	77·6	77·0	76·6	76·8	76·7	76·6	76·7	76·6	76·6	75·8
21	76·6	76·5	76·4	76·3	76·2	76·0	76·0	76·2	76·4	76·6	76·7	76·9	76·9	76·9	76·8	76·6	76·6	76·3	75·2	75·0	75·1	75·0	74·8	74·8	76·2
22	74·7	74·6	74·6	74·1	73·6	73·1	72·6	72·7	73·4	74·9	75·8	76·9	77·1	77·0	76·7	76·5	76·0	76·0	76·0	76·2	76·3	76·6	76·6	76·4	75·3
23	76·7	76·7	76·8	76·7	76·9	77·1	77·1	77·6	78·0	78·5	78·9	79·0	78·8	78·6	78·6	78·0	77·9	78·1	76·9	77·3	77·5	77·1	77·2	76·6	77·6
24	76·6	77·1	77·4	77·1	77·1	77·3	77·2	75·6	76·3	77·4	77·6	77·9	77·5	77·4	77·6	77·7	77·7	77·9	77·8	77·9	78·1	78·1	76·9	78·1	77·4
25	77·5	77·1	77·2	77·1	77·3	77·4	77·3	76·9	77·6	77·4	77·1	77·1	77·9	78·6	78·5	78·8	78·6	78·3	77·8	77·9	77·8	77·8	77·8	78·1	77·7
26	75·8	77·0	77·6	77·6	77·1	77·6	78·0	78·1	78·6	78·3	78·3	78·0	78·1	78·4	78·8	78·7	78·6	78·8	78·7	78·7	78·5	78·3	78·5	77·7	78·1
27	78·8	78·8	78·6	78·9	78·9	78·7	79·0	79·1	79·4	79·4	79·0	78·8	78·6	79·0	78·4	77·6	78·4	78·4	78·5	78·3	78·4	78·3	77·4	78·4	78·6
28	78·3	77·8	78·0	77·7	77·5	77·7	77·2	78·5	78·1	78·5	78·8	78·3	78·4	78·6	78·3	78·0	78·0	78·4	78·4	78·6	77·7	78·2	78·3	78·3	78·2
Mean ...	76·3	**76·3**	76·4	76·4	76·4	76·4	76·4	76·4	76·9	77·4	77·9	78·3	78·5	**78·6**	78·6	78·2	77·8	77·6	77·3	77·2	77·0	76·8	76·7	76·6	77·2
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

32. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulb above ground) = 12·5 metres. **March, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	78·1	78·1	78·1	77·9	78·0	78·0	77·9	77·7	78·1	78·0	78·9	78·4	79·4	79·4	79·0	78·9	78·0	78·5	78·1	78·0	78·4	78·1	77·8	77·5	78·3
2	76·6	76·3	76·6	76·2	76·0	75·9	75·4	76·1	75·7	76·7	77·7	77·4	77·5	78·2	77·4	77·2	76·9	76·9	76·0	75·6	75·6	74·9	75·4	75·6	76·4
3	75·7	75·8	75·9	76·0	76·0	75·9	76·0	75·9	76·2	77·7	78·0	78·1	78·5	78·8	78·7	79·0	78·7	78·1	77·1	77·3	77·0	76·3	76·2	76·6	77·0
4	76·6	76·5	76·2	76·4	77·1	76·9	77·6	78·2	79·0	79·9	80·3	81·0	81·6	81·3	81·4	81·2	80·8	80·4	80·4	80·0	79·8	79·1	79·1	78·4	79·1
5	78·8	78·9	79·0	79·1	79·4	79·2	79·0	79·0	79·5	81·1	81·4	81·7	81·8	81·7	82·2	82·3	82·0	82·0	82·3	82·6	82·4	82·2	81·4	81·1	80·8
6	80·8	80·5	80·1	79·8	79·9	80·0	79·8	79·9	80·0	80·4	80·3	80·3	80·4	80·9	81·5	80·5	80·3	80·1	79·9	79·1	79·6	79·4	79·1	78·7	80·1
7	78·7	78·3	77·6	77·5	76·9	77·0	76·9	77·0	77·6	78·0	77·7	79·2	78·1	79·0	79·3	79·1	78·1	77·1	76·0	76·0	74·8	74·2	74·0	73·7	77·3
8	73·7	73·7	73·1	73·3	73·3	73·1	74·0	75·0	74·5	75·4	74·2	74·8	73·0	73·9	74·4	73·4	72·6	72·3	72·1	71·0	70·9	71·5	72·0	71·0	73·2
9	71·0	71·2	71·4	72·6	71·6	72·1	72·7	73·5	74·1	73·7	73·8	75·0	74·4	74·4	75·3	74·8	74·5	74·0	73·6	73·8	74·4	74·3	74·4	73·7	73·5
10	73·7	73·6	73·4	72·6	72·9	72·6	72·7	73·2	74·0	74·8	75·8	76·4	77·0	77·6	77·6	77·0	75·9	75·4	74·9	74·9	74·7	74·6	74·2	73·9	74·7
11	73·6	73·7	73·9	74·5	74·6	73·1	72·4	72·8	73·3	74·2	75·0	75·9	76·6	76·7	76·3	76·9	76·7	75·7	75·0	74·1	74·3	73·1	73·0	74·1	74·6
12	73·6	73·9	73·7	74·7	74·4	71·7	70·4	70·3	71·9	73·4	74·4	75·6	76·0	76·6	77·1	77·2	76·7	75·5	74·7	74·1	74·3	74·6	74·4	74·4	74·3
13	75·1	75·2	75·5	75·6	75·2	75·6	76·0	75·8	76·0	76·7	78·4	78·4	78·4	78·6	79·0	79·4	79·0	78·1	77·6	78·3	78·5	78·2	78·4	78·1	77·2
14	78·0	78·0	77·6	78·1	77·7	77·9	78·1	78·3	78·7	79·0	79·1	79·5	80·0	80·4	80·2	80·8	80·8	80·3	80·0	79·4	79·1	79·0	78·8	78·4	79·0
15	78·1	78·2	78·0	77·9	77·6	77·7	78·0	78·4	79·2	80·3	81·5	81·6	82·3	82·6	83·1	84·5	84·1	82·7	82·5	81·6	80·9	80·0	79·4	80·0	80·4
16	79·4	79·3	78·7	79·0	79·3	80·1	79·8	80·4	81·0	81·6	81·5	82·3	83·4	83·9	84·0	83·9	83·4	82·7	82·4	82·0	79·8	79·4	78·9	78·0	81·1
17	78·0	77·0	76·8	76·8	76·2	75·3	75·2	76·8	78·7	79·8	79·6	80·3	80·1	81·0	80·6	80·4	80·7	79·4	79·0	79·3	79·3	79·2	79·4	79·3	78·6
18	79·2	78·8	78·1	77·0	77·1	76·5	76·4	76·9	79·6	81·6	82·7	81·6	81·2	81·9	82·0	82·9	82·6	82·1	81·9	81·5	81·1	81·0	80·6	80·5	80·2
19	80·0	80·0	80·0	80·0	80·1	79·7	80·0	80·5	81·3	82·4	83·3	83·1	81·5	80·7	81·0	81·2	80·8	80·0	79·5	79·0	78·7	78·5	78·1	77·6	80·3
20	77·2	77·1	77·1	77·0	76·6	76·0	76·1	76·3	77·1	77·6	78·1	78·1	78·2	77·4	78·3	75·5	74·5	75·0	74·7	74·2	73·5	73·2	72·9	72·8	76·1
21	72·4	72·4	72·5	71·6	71·7	71·6	71·8	72·4	73·4	73·1	73·6	74·5	73·5	74·7	74·0	74·2	73·4	73·6	73·1	73·5	73·6	73·6	73·9	74·4	**73·2**
22	74·1	72·5	72·0	71·4	71·0	71·6	71·6	72·4	73·1	74·3	75·3	76·2	76·4	77·5	77·2	77·2	77·0	76·5	75·8	75·4	75·3	75·3	75·5	75·5	74·6
23	74·9	75·0	75·3	75·5	75·7	76·1	76·0	76·0	77·8	77·3	78·5	78·6	78·7	79·7	80·0	78·7	78·6	77·5	77·5	77·3	76·7	77·0	77·1	76·9	77·2
24	77·0	77·1	76·2	76·6	76·5	76·0	76·2	76·7	77·1	78·4	79·2	79·8	79·6	75·8	76·5	78·9	79·0	77·3	76·0	76·0	75·8	76·3	76·2	74·9	77·1
25	75·4	76·3	76·1	76·0	76·0	76·4	77·0	76·9	77·3	76·9	78·4	78·6	79·4	79·6	79·4	78·7	78·8	77·6	77·4	76·7	76·4	75·7	76·3	75·9	77·2
26	75·0	76·0	75·7	75·0	74·4	74·4	74·4	75·4	76·6	76·7	77·4	76·6	77·1	77·0	77·6	77·6	77·2	76·7	76·3	75·3	74·7	74·0	73·4	72·9	75·8
27	72·6	72·4	72·0	72·0	72·2	71·9	72·8	74·6	76·4	78·6	80·0	80·9	81·9	81·8	82·5	80·7	80·1	79·7	78·3	77·6	77·5	77·2	76·0	76·2	76·8
28	76·1	75·8	75·5	75·1	74·2	74·5	74·6	75·1	76·2	76·8	77·5	77·9	78·8	79·3	79·3	79·2	79·1	78·5	78·1	77·9	78·0	78·2	79·6	80·0	77·2
29	80·1	80·4	80·6	80·7	79·8	79·6	80·4	80·8	81·4	82·4	81·6	82·4	82·7	82·9	83·0	82·9	82·9	82·3	81·5	80·5	79·9	80·1	79·0	79·4	**81·1**
30	78·5	77·8	78·4	77·9	78·2	78·0	78·7	80·0	81·1	82·7	83·0	83·2	83·1	83·4	83·5	83·4	82·9	82·1	81·7	80·9	81·1	78·0	77·2	76·6	80·5
31	77·0	77·1	77·1	77·2	77·1	76·7	76·7	77·0	77·8	78·2	77·7	77·8	77·8	77·5	76·5	75·5	74·8	74·6	74·5	74·1	73·8	74·2	74·0	74·3	76·3
Mean ...	76·4	76·4	76·2	76·2	76·0	**75·8**	76·0	76·4	77·2	78·0	78·5	78·9	79·0	79·2	**79·3**	79·1	78·7	78·2	77·7	77·3	77·1	76·8	76·6	76·5	77·4

33. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **April, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	74·5	73·9	74·0	73·6	73·2	72·6	73·4	73·7	74·8	75·8	76·6	77·8	78·5	78·8	78·7	78·4	77·9	77·8	77·6	77·4	77·4	77·4	77·4	77·6	76·1
2	77·8	78·0	78·3	78·2	78·4	78·2	77·8	78·3	78·0	77·2	77·6	77·6	78·4	78·5	78·2	78·2	77·4	76·4	75·3	74·7	73·8	72·9	72·6	72·0	76·9
3	72·1	72·1	71·7	71·6	71·2	71·2	72·5	73·1	74·4	75·0	75·6	76·8	76·9	77·6	77·2	76·8	76·9	76·9	76·2	75·9	75·9	76·1	75·7	76·0	**74·7**
4	75·9	75·6	75·7	75·9	76·1	76·2	77·0	77·5	77·7	77·7	78·1	79·0	80·1	80·4	79·6	79·0	78·9	78·2	77·8	77·6	77·6	77·4	77·4	77·6	77·6
5	77·6	77·7	77·7	77·8	78·0	78·1	78·2	78·2	78·5	78·7	79·1	79·0	79·0	79·3	79·4	79·6	79·6	79·5	79·4	79·5	79·4	79·3	79·4	79·4	78·8
6	79·3	79·2	79·2	79·1	79·1	79·1	79·4	79·4	79·6	79·8	80·0	80·2	80·2	80·3	80·3	80·0	80·1	80·0	79·7	79·6	79·6	79·6	79·5	79·3	79·7
7	79·2	78·9	78·5	78·2	78·1	78·0	78·4	78·8	79·1	79·3	79·3	79·4	79·8	79·9	79·6	79·6	79·5	79·2	79·3	79·2	79·5	79·4	79·4	79·1	79·1
8	78·8	78·4	78·4	78·0	77·6	76·9	76·9	77·0	77·8	77·9	78·6	79·4	78·9	78·9	79·0	79·1	78·6	78·4	78·3	78·1	78·5	78·8	78·9	79·0	78·3
9	79·0	78·9	78·8	78·6	77·9	78·0	78·1	77·7	78·0	78·0	78·4	78·7	79·1	79·4	79·4	79·1	78·6	79·0	79·2	79·0	78·6	78·6	78·3	78·7	78·6
10	79·0	79·0	79·1	79·2	79·2	79·0	79·4	80·3	80·7	81·7	82·6	83·4	82·6	82·6	81·8	81·0	80·8	80·3	79·7	79·4	79·3	79·4	79·2	79·1	80·3
11	79·2	79·1	78·8	78·5	78·2	78·1	78·7	79·6	80·6	80·9	81·3	81·6	81·2	80·7	80·6	80·1	79·7	79·6	79·0	78·8	78·5	78·5	78·4	78·7	79·5
12	78·7	78·9	78·5	78·6	78·3	78·4	79·5	80·2	81·7	81·3	80·7	80·4	81·0	83·0	84·4	83·9	83·4	83·1	82·3	81·4	81·0	80·4	79·8	78·4	80·7
13	78·6	78·6	77·7	77·6	77·6	78·6	79·2	80·4	80·6	80·6	80·2	80·8	82·0	83·0	84·2	83·6	82·7	81·5	80·6	80·0	79·5	78·9	79·0	78·1	80·1
14	77·4	78·5	77·5	77·0	76·5	76·4	78·6	80·0	81·2	81·6	82·6	82·6	83·6	83·0	82·8	83·5	82·1	81·0	80·0	79·8	79·8	79·7	79·6	79·5	80·1
15	79·1	79·0	79·6	80·1	79·6	79·7	79·9	80·1	81·6	83·2	82·3	82·4	82·1	82·0	81·3	81·1	81·0	80·0	78·8	77·4	76·6	76·0	75·5	75·6	79·8
16	76·1	76·7	77·0	77·2	77·4	77·0	77·1	78·6	80·0	81·3	81·5	82·2	83·0	82·3	82·9	82·6	82·4	81·2	81·0	80·8	80·1	79·8	79·9	79·4	79·8
17	79·1	79·4	79·4	78·9	78·5	78·6	79·0	80·1	81·0	81·7	82·6	83·1	83·7	84·1	83·7	83·6	81·8	82·2	80·1	80·0	80·1	79·6	79·1	79·0	80·8
18	78·8	78·8	78·2	78·0	77·7	77·6	77·5	77·6	77·9	78·3	78·7	78·8	79·0	79·2	79·2	79·1	78·7	78·5	78·6	78·5	78·2	78·4	78·0	77·9	78·4
19	77·5	77·1	77·1	76·0	76·2	76·6	77·7	78·0	78·0	79·0	79·4	79·7	80·0	80·3	80·7	79·7	79·0	79·6	79·1	78·2	77·6	77·4	77·6	77·0	78·3
20	76·0	75·8	75·2	74·6	74·9	75·1	76·5	78·6	80·6	82·2	82·4	82·4	83·2	83·4	83·5	83·1	83·2	82·7	81·2	80·0	79·2	77·6	76·2	75·6	79·3
21	75·0	75·3	74·6	75·3	75·8	77·6	79·2	80·2	81·4	81·4	82·0	82·4	83·2	83·1	82·8	81·7	81·0	80·4	80·0	80·2	80·7	81·7	81·7	81·4	79·8
22	80·8	80·3	80·1	80·1	79·8	80·1	80·7	81·3	81·7	82·1	82·8	82·3	82·0	81·3	80·7	80·6	80·2	80·0	80·6	81·3	81·9	82·5	81·7	80·4	**81·1**
23	79·6	78·7	77·9	77·2	77·2	78·1	78·9	79·6	80·6	81·0	82·0	82·3	83·2	83·3	83·4	82·2	82·7	81·5	80·7	79·4	78·7	78·3	77·1	76·4	80·1
24	76·3	76·0	75·9	75·4	75·8	77·1	78·1	79·0	79·8	80·4	82·0	81·1	81·0	81·5	83·0	83·4	82·5	82·0	81·4	79·2	79·6	78·6	78·0	77·7	79·3
25	77·9	77·9	77·7	78·1	77·6	78·4	79·5	80·6	81·7	82·3	82·1	82·6	82·9	83·0	82·3	80·8	81·0	80·9	80·5	79·9	79·1	78·8	78·7	78·9	80·1
26	78·9	78·6	78·6	78·3	78·4	78·5	78·2	79·4	79·9	81·1	79·3	81·2	80·0	81·4	81·5	80·4	80·3	79·7	79·7	79·1	78·8	79·1	78·6	78·6	79·5
27	78·5	78·3	78·3	78·1	78·5	79·5	80·0	80·1	80·4	80·4	80·5	81·0	80·8	81·0	80·7	80·6	80·8	80·4	79·9	79·7	79·6	79·4	79·3	79·3	79·8
28	78·2	78·2	77·5	77·4	77·2	78·2	78·7	79·5	80·0	79·7	80·6	80·9	80·7	81·1	81·0	75·4	75·6	75·6	75·0	75·4	75·2	75·3	75·2	74·4	77·9
29	74·2	73·8	74·0	73·6	73·5	74·2	76·1	77·6	78·5	78·5	78·7	78·1	78·3	78·4	79·0	77·8	78·1	77·9	78·9	78·5	78·6	78·6	78·8	78·1	77·1
30	77·4	78·0	77·9	77·6	77·6	77·4	77·8	78·6	79·3	79·9	80·6	80·6	80·6	80·0	80·4	80·4	80·4	79·8	78·1	78·6	78·4	78·4	78·4	78·6	78·9
Mean ...	77·7	77·6	77·4	77·2	**77·2**	77·4	78·1	78·8	79·5	79·9	80·3	80·6	80·8	81·0	**81·0**	80·5	80·2	79·8	79·3	78·9	78·7	78·5	78·3	78·0	79·0
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

34. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulb above ground) = 12·5 metres. **May, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	78·6	78·0	77·2	77·2	76·9	77·4	79·3	79·4	79·2	80·4	80·5	81·2	81·0	81·4	81·5	81·6	81·7	81·4	81·2	79·9	79·1	78·0	76·9	76·3	79·4
2	76·2	74·9	74·4	73·7	74·1	75·8	78·0	80·0	80·5	81·2	81·6	81·7	81·8	82·0	82·4	83·2	83·3	82·2	81·3	81·0	80·9	80·9	80·5	80·0	79·6
3	79·6	79·4	79·6	79·8	80·0	80·4	83·0	84·0	84·6	84·4	85·2	83·6	84·5	83·9	85·1	84·5	83·8	82·8	82·2	81·6	81·6	81·5	81·5	81·4	82·4
4	81·1	81·2	80·9	80·6	80·9	80·9	80·6	80·6	80·8	80·7	80·7	80·7	80·5	80·8	80·7	80·7	80·5	80·4	80·3	80·3	79·9	79·6	79·5	79·7	80·6
5	80·2	80·5	80·5	80·4	80·4	80·4	80·4	80·6	80·7	80·6	81·0	81·4	81·5	81·5	81·4	81·2	81·0	80·6	80·4	80·0	80·0	80·0	80·0	79·8	80·6
6	79·6	79·3	79·3	79·0	79·0	79·2	80·0	80·2	80·3	80·6	80·6	80·8	82·7	83·0	82·4	82·1	82·4	81·1	81·0	80·6	80·4	80·2	80·3	80·2	80·6
7	80·2	79·9	80·0	80·0	80·0	80·1	80·5	80·5	81·0	81·1	81·3	81·0	80·6	80·6	80·6	81·2	81·0	80·7	80·7	80·3	80·3	79·6	79·6	79·9	80·5
8	80·1	80·6	80·6	80·5	80·6	80·6	80·6	80·9	80·2	80·0	80·6	81·4	82·4	82·6	81·9	82·0	81·9	81·4	81·2	81·0	81·0	80·9	80·9	80·9	81·0
9	81·0	81·0	81·0	81·0	81·0	81·0	80·9	80·9	81·1	81·0	80·7	80·7	80·6	80·6	80·6	80·6	80·6	80·6	80·6	80·6	80·6	80·6	80·6	80·6	80·8
10	80·2	79·9	80·0	79·9	80·1	80·5	81·1	82·0	82·2	81·1	81·2	82·2	81·5	81·2	80·9	81·6	81·2	80·8	80·4	79·9	79·7	80·0	79·5	79·6	80·7
11	80·0	80·1	80·2	79·9	80·1	81·0	81·4	81·8	81·7	81·9	82·0	81·8	82·0	83·3	84·1	84·2	84·4	86·6	86·0	84·0	82·6	82·4	81·8	81·6	82·2
12	81·3	81·0	80·7	80·7	81·1	81·8	83·7	84·6	85·4	85·7	86·0	86·5	87·0	86·6	85·0	84·6	83·6	83·0	82·6	82·1	82·1	81·9	81·7	81·7	83·3
13	81·5	80·7	81·1	80·0	81·3	82·3	83·2	83·9	84·6	86·0	86·1	86·9	86·0	86·2	86·3	85·5	85·0	85·4	83·4	82·9	83·0	82·7	82·5	82·5	83·7
14	82·0	81·6	81·2	81·0	81·1	81·5	82·1	83·1	84·4	85·0	83·0	83·0	82·7	82·6	82·8	83·0	83·2	83·3	82·5	81·6	81·0	80·7	80·6	80·4	82·3
15	80·2	80·5	80·8	80·7	80·7	80·8	80·9	81·4	81·8	81·6	82·3	82·4	82·6	82·3	83·5	82·8	82·7	82·2	81·9	81·9	82·0	81·9	81·9	82·3	81·7
16	82·3	81·7	81·5	82·0	81·6	81·6	82·0	82·6	83·9	85·6	87·4	87·6	88·5	87·5	83·6	82·6	82·1	81·4	81·3	81·3	81·4	81·4	81·6	81·8	83·1
17	81·3	81·1	81·0	81·0	81·9	83·5	84·7	86·7	86·2	86·7	88·0	87·8	88·5	89·0	85·3	84·4	84·6	83·6	83·6	83·1	82·8	82·6	83·0	82·7	84·3
18	82·4	82·0	82·0	82·6	82·4	82·5	83·0	83·4	83·7	84·1	83·2	83·2	83·7	86·3	84·2	83·6	83·5	83·6	82·7	82·8	82·7	82·3	82·2	82·4	83·1
19	82·5	82·4	82·4	82·4	82·5	83·5	84·4	84·5	84·4	84·2	84·4	84·5	84·4	84·1	84·4	84·2	84·1	84·1	83·8	83·3	83·0	82·9	82·9	82·8	83·6
20	82·6	82·5	82·6	82·9	83·0	83·0	83·3	84·5	84·7	83·7	84·7	84·5	84·4	84·6	85·0	84·7	84·4	84·9	84·3	84·0	83·8	84·4	83·7	83·6	83·9
21	84·7	84·6	84·0	83·2	83·6	84·3	85·1	85·5	85·6	86·1	86·4	85·3	85·7	85·8	89·0	88·9	89·8	89·1	87·8	84·8	83·3	83·0	82·5	82·3	**85·5**
22	82·1	81·9	81·7	81·6	81·0	81·1	81·2	81·7	81·7	81·4	81·9	82·4	82·2	82·2	82·3	82·2	82·1	82·0	81·8	81·6	81·5	81·5	81·5	81·5	81·8
23	81·5	81·4	81·2	81·3	81·5	81·6	81·7	81·7	82·0	82·5	82·5	82·6	82·3	82·4	82·0	81·5	81·3	81·2	81·3	81·1	81·1	81·0	81·0	80·8	81·6
24	80·9	81·0	80·9	80·9	80·9	81·0	81·4	81·6	82·4	82·2	82·6	82·9	82·7	82·4	82·3	82·1	82·0	82·1	82·1	82·1	82·0	82·0	81·9	81·9	81·8
25	81·9	82·0	81·9	81·8	81·7	81·6	81·9	81·9	82·2	82·4	82·4	82·4	82·2	82·0	81·7	81·6	81·6	81·6	81·6	81·5	81·4	81·1	81·1	81·0	81·8
26	80·8	80·6	80·5	80·4	80·3	80·4	82·0	82·4	83·2	83·9	83·0	83·1	83·6	84·0	83·9	83·4	83·3	83·0	82·3	82·3	82·1	82·1	82·2	82·0	82·3
27	82·0	82·1	82·0	82·0	82·1	82·2	82·2	82·4	82·5	82·7	83·0	83·4	84·1	85·2	87·8	87·9	87·7	87·8	87·7	86·1	83·6	83·0	82·5	82·1	83·9
28	82·0	82·0	82·0	82·3	82·6	83·4	83·6	83·1	84·0	83·7	84·5	84·4	84·4	84·4	84·4	85·8	86·0	85·1	83·7	83·0	82·5	82·8	82·8	82·3	83·5
29	82·1	81·6	81·6	81·6	82·1	82·1	82·4	82·5	83·2	84·8	86·7	86·8	88·0	88·8	89·0	88·4	87·6	85·8	84·0	83·4	83·1	82·2	82·2	82·6	84·3
30	82·6	82·5	82·6	82·0	83·0	83·6	85·1	85·7	86·0	86·4	86·1	86·6	85·3	86·7	86·8	85·5	85·4	85·0	83·7	82·4	82·0	81·9	81·8	81·7	84·2
31	81·8	81·8	81·6	82·0	82·4	83·0	84·0	85·0	85·4	86·4	86·8	87·1	87·7	87·3	88·0	87·8	87·1	87·8	86·0	84·4	83·4	83·0	82·8	82·5	84·8
Mean ...	81·1	81·0	80·9	**80·8**	81·0	81·4	82·1	82·6	82·9	83·2	83·4	83·5	83·7	**83·9**	83·8	83·7	83·5	83·2	82·7	82·1	81·7	81·6	81·4	81·3	82·3

35. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **June, 1925.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a
1	82·3	81·8	81·7	81·6	81·4	81·8	84·2	85·6	85·2	86·1	86·6	88·0	87·4	88·1	87·5	86·9	87·2	86·4	86·1	85·2	84·2	83·2	82·6	82·5	84·7
2	82·3	81·6	81·2	81·1	81·8	83·0	84·6	85·7	86·5	86·1	87·3	86·0	87·0	85·2	83·9	84·8	83·6	83·4	83·0	83·6	83·0	82·2	81·8	82·0	83·8
3	80·6	80·2	79·8	80·6	80·6	81·8	83·2	84·0	83·6	82·6	82·8	82·8	83·7	85·0	86·4	88·1	88·8	89·3	88·9	88·6	87·7	87·4	86·3	86·2	84·5
4	86·1	85·9	85·4	85·6	86·1	87·3	89·6	89·9	91·5	91·8	92·0	93·0	94·1	95·7	94·5	95·3	93·9	92·3	91·6	90·6	89·7	88·5	87·9	88·0	**90·2**
5	87·9	85·6	86·3	85·8	87·5	89·1	89·3	89·5	89·0	89·1	90·0	91·0	90·8	91·9	90·8	91·0	90·2	88·8	89·1	87·8	87·1	86·4	85·0	84·8	88·6
6	84·0	84·2	84·0	84·1	84·3	83·8	83·6	83·5	83·8	84·4	86·8	85·6	86·2	86·4	87·1	86·5	85·9	85·7	85·3	84·6	83·4	83·1	82·6	81·6	84·7
7	81·3	80·9	80·2	81·0	81·1	83·2	85·8	85·6	85·3	85·6	85·6	85·6	85·5	86·0	86·0	86·8	86·4	85·9	86·5	85·6	84·6	83·9	83·5	83·5	84·3
8	83·1	82·9	82·5	82·1	82·0	82·0	82·0	82·1	82·5	82·4	82·6	83·5	83·6	84·0	84·2	84·1	84·1	83·9	83·3	83·1	82·8	82·6	82·3	82·2	82·9
9	82·2	82·2	82·1	82·0	82·0	82·0	82·7	83·9	84·3	84·9	85·9	87·3	86·7	87·4	87·8	88·2	89·2	90·5	91·0	90·0	88·8	88·1	86·7	86·3	85·8
10	85·6	85·9	85·8	86·1	87·1	88·8	91·9	93·6	94·8	96·1	91·6	92·9	91·2	89·1	88·6	87·0	86·8	86·5	86·3	86·1	87·3	87·0	86·0	85·5	88·7
11	85·0	85·0	86·0	86·1	86·6	87·4	88·7	87·1	86·4	87·1	86·2	86·7	86·4	85·8	85·7	86·3	86·3	85·8	85·8	85·2	85·5	85·2	85·1	84·9	86·1
12	84·8	84·7	84·4	84·6	85·0	85·5	85·7	86·0	86·9	87·3	86·5	87·0	87·5	88·4	87·0	87·8	88·3	88·5	87·5	86·4	85·3	85·2	84·3	84·5	86·2
13	85·0	84·7	84·9	84·8	85·6	86·4	86·4	89·0	89·0	90·7	90·0	88·2	88·1	89·8	90·3	90·6	90·3	89·7	89·1	88·1	86·1	85·7	84·2	83·9	87·5
14	83·1	82·6	82·5	82·7	83·6	83·8	84·4	85·0	85·5	86·2	87·0	88·0	89·1	89·2	89·4	87·1	85·4	86·0	85·6	85·1	84·6	84·5	84·9	85·3	85·4
15	85·5	85·5	84·5	84·3	84·9	85·7	87·1	89·4	91·0	93·2	94·3	91·3	94·0	94·4	95·6	93·9	91·3	90·6	87·4	86·8	87·1	86·8	86·3	86·9	89·0
16	86·6	86·3	85·9	85·6	86·4	87·5	87·7	88·1	88·6	89·1	88·7	89·3	89·6	90·0	89·7	87·6	87·3	86·4	86·3	85·7	84·6	84·1	84·0	83·5	87·1
17	82·5	81·5	81·3	81·4	81·8	82·0	82·7	83·3	83·5	83·3	84·6	85·3	86·6	87·0	86·8	87·4	87·8	86·0	85·6	84·9	84·1	83·3	83·2	82·7	84·1
18	82·4	82·3	82·3	82·1	81·7	82·7	82·3	81·8	82·9	82·5	82·9	83·8	83·7	84·3	84·7	85·2	85·4	85·2	84·7	83·8	82·2	81·5	81·0	80·8	83·1
19	80·8	80·9	81·2	81·5	82·4	84·0	84·4	85·5	86·4	87·1	88·0	87·8	87·2	88·6	88·2	88·3	87·9	87·5	86·9	86·3	86·2	86·1	86·2	85·0	85·5
20	84·8	84·4	84·1	83·7	84·2	84·5	84·7	85·0	85·7	86·1	85·8	86·4	87·6	87·4	87·1	87·0	87·1	87·5	87·0	85·8	83·6	83·1	82·2	81·6	85·3
21	81·5	81·6	80·9	80·7	80·8	80·9	80·6	81·8	82·3	82·6	83·0	83·9	84·4	84·5	84·3	83·8	82·6	82·9	82·6	82·4	81·7	81·5	81·3	81·1	**82·2**
22	81·0	81·3	81·2	81·6	81·6	82·1	82·4	82·9	83·2	83·6	83·9	84·4	84·6	84·8	84·8	85·1	85·4	84·1	83·5	83·1	82·9	82·7	82·6	82·4	83·1
23	82·4	82·3	82·0	81·6	81·5	81·6	82·0	81·8	82·4	82·6	83·0	83·3	84·1	84·7	85·4	84·8	84·1	84·3	84·3	84·2	83·9	83·3	82·5	82·0	83·1
24	82·1	82·0	81·9	81·6	81·8	82·2	82·2	82·4	82·6	83·4	83·6	84·6	85·0	85·2	85·6	85·6	86·4	85·7	84·4	83·1	82·5	82·2	82·0	81·9	83·3
25	81·6	81·4	81·3	81·3	81·5	81·3	81·5	82·6	83·6	84·6	84·8	84·0	85·2	85·1	86·0	86·3	85·6	84·9	84·9	84·7	84·4	84·1	84·3	84·2	83·7
26	84·0	83·7	83·2	83·4	83·4	84·0	84·1	84·2	84·3	84·7	85·2	84·7	85·7	85·7	85·8	85·5	85·1	85·0	83·4	82·7	81·6	81·4	81·7	82·0	84·0
27	81·7	81·7	81·6	81·6	81·0	81·1	81·6	82·1	82·6	82·6	82·6	83·3	83·9	84·4	84·4	85·2	85·4	84·7	83·4	83·1	82·0	81·4	81·1	80·5	82·7
28	80·6	80·6	79·9	80·3	81·3	82·8	83·6	84·9	86·9	86·9	87·7	87·5	87·3	87·8	88·0	88·4	88·7	87·4	86·6	85·6	84·6	84·1	83·8	83·0	84·9
29	83·2	83·4	83·6	83·6	84·0	84·5	85·0	85·7	86·9	87·0	87·5	87·3	88·0	86·8	86·8	86·3	86·1	85·4	85·1	85·1	85·0	84·6	84·4	85·4	85·4
30	84·9	84·8	85·0	85·2	85·7	86·0	87·2	89·1	90·2	90·6	91·6	92·5	92·3	92·0	89·6	92·0	90·5	88·4	87·8	87·5	87·0	87·0	86·8	86·4	88·3
Mean ...	83·3	83·1	**82·9**	82·9	83·3	84·0	84·7	85·4	85·9	86·3	86·6	86·8	87·2	**87·5**	87·4	87·4	87·1	86·6	86·1	85·5	84·8	84·3	83·9	83·7	85·3
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

36. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulb above ground) = 12·5 metres. **July, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	86·4	85·9	86·1	86·0	85·9	85·7	86·4	87·3	88·2	87·0	86·0	85·6	85·6	85·1	85·5	85·5	85·2	85·3	85·2	85·0	84·9	84·6	84·5	84·3	85·8
2	84·1	84·1	84·1	84·0	84·0	83·7	84·1	84·8	85·0	86·1	86·0	86·1	86·1	86·6	88·0	87·0	87·7	87·1	86·0	85·8	85·6	85·1	85·0	84·4	**85·4**
3	84·0	84·7	84·8	84·9	84·7	84·9	85·1	85·6	86·0	86·3	86·8	87·6	87·4	87·9	87·6	87·9	87·4	88·0	87·6	86·5	86·2	86·0	85·4	85·4	86·2
4	85·4	85·2	85·2	84·8	86·7	88·0	87·6	87·9	88·3	88·1	88·9	89·0	89·7	89·6	89·7	89·2	89·1	88·1	87·1	87·1	86·4	86·1	86·1	86·0	87·5
5	85·6	85·0	84·7	84·3	85·4	87·9	89·0	88·0	88·4	88·0	88·4	88·5	88·8	90·0	89·8	89·6	90·2	89·3	87·7	86·6	85·3	85·5	85·5	85·2	87·4
6	85·1	85·2	85·3	85·3	85·5	86·1	87·2	86·9	86·1	86·3	87·5	87·3	86·2	86·6	86·2	85·6	86·0	86·5	85·7	85·9	85·6	85·7	85·9	85·9	86·1
7	85·9	85·3	85·6	85·5	85·4	85·7	86·4	86·4	86·4	87·7	88·6	89·1	89·6	89·4	89·6	90·8	89·6	86·9	87·0	86·8	86·6	85·3	84·8	84·7	87·1
8	84·2	83·4	83·1	83·9	85·1	86·2	86·7	86·7	87·7	87·9	88·0	88·6	88·7	89·4	89·7	89·5	89·1	89·0	88·5	88·1	87·1	85·2	84·4	83·5	86·8
9	83·7	84·1	84·2	83·8	84·4	85·0	85·9	86·6	87·0	87·7	88·3	89·0	87·8	88·0	88·7	89·0	88·6	88·6	88·5	87·5	86·5	85·9	85·3	85·3	86·6
10	85·1	85·4	85·8	85·8	86·0	87·1	88·1	89·1	89·5	89·1	90·6	90·6	90·6	90·6	90·7	90·8	91·0	90·5	90·3	88·0	87·4	87·1	86·9	86·7	88·4
11	86·9	86·9	86·4	86·4	87·0	87·6	88·4	90·5	91·6	93·2	94·9	95·0	96·2	97·0	95·0	95·4	94·9	96·0	92·4	88·7	88·7	88·6	87·9	87·0	90·9
12	86·5	86·7	87·9	88·2	88·8	92·0	93·2	94·7	95·2	96·2	96·0	94·9	94·8	94·1	92·0	91·9	92·7	89·6	88·8	88·1	87·9	87·2	87·7	87·9	**90·9**
13	87·4	87·1	85·8	85·8	85·4	85·4	85·7	86·0	86·2	86·0	85·9	86·3	86·4	85·5	85·8	86·1	86·1	85·8	85·6	85·4	85·4	85·4	85·0	85·0	85·9
14	84·9	84·6	84·4	85·2	85·2	85·6	86·0	86·8	88·5	88·4	89·8	91·4	91·4	90·0	89·3	88·4	88·8	88·1	88·7	90·3	89·9	89·4	88·9	88·1	87·9
15	87·5	86·8	87·3	87·0	87·1	87·3	87·1	88·1	88·4	90·3	89·7	89·9	88·0	86·4	85·9	85·7	85·6	86·0	85·6	85·6	85·6	85·4	85·4	85·1	87·0
16	85·4	85·5	85·5	85·1	85·8	85·8	87·1	87·6	88·2	88·7	89·5	88·9	90·8	92·2	90·5	89·1	88·0	87·2	86·9	86·6	86·0	86·2	86·0	86·1	87·4
17	86·3	86·4	85·7	85·5	86·4	86·9	87·4	87·6	89·1	89·5	90·4	89·8	89·8	89·5	89·8	88·6	88·2	88·4	88·3	87·9	87·6	87·0	87·2	87·5	87·9
18	87·4	86·6	86·6	86·3	86·6	86·6	87·1	87·6	89·2	88·9	89·0	89·7	88·9	89·1	88·9	89·6	90·2	89·0	88·2	87·6	87·6	88·0	87·8	86·8	88·1
19	87·0	86·7	86·7	86·7	86·4	86·5	86·7	88·0	87·4	86·9	87·8	87·2	87·1	87·7	88·4	88·3	88·4	89·0	87·5	87·7	86·0	85·7	84·8	84·6	87·1
20	84·3	84·3	83·2	83·7	83·9	85·9	89·0	87·9	88·1	88·1	87·8	87·6	86·7	86·0	85·5	86·0	86·4	87·1	88·0	87·4	87·4	87·2	87·0	87·0	86·4
21	86·8	86·7	86·3	85·8	86·1	86·7	87·4	89·2	91·0	90·6	90·6	91·9	93·0	92·0	93·0	93·1	93·6	91·6	89·1	88·4	87·1	87·0	86·9	86·4	89·2
22	85·8	85·4	85·3	85·0	85·7	87·0	88·6	89·4	90·9	91·3	91·2	90·0	89·8	90·3	89·8	89·5	88·3	88·2	88·9	89·1	89·1	88·9	88·6	88·4	88·5
23	88·3	88·4	88·4	88·6	89·1	89·4	89·6	89·9	89·8	89·9	90·1	90·2	89·6	90·0	89·9	89·6	89·4	89·3	88·5	87·9	87·4	87·0	86·7	86·6	88·9
24	86·3	86·1	85·6	85·4	85·2	85·3	85·7	85·8	86·5	86·0	86·9	87·0	87·1	87·2	87·2	87·0	86·9	86·8	86·9	86·1	86·1	86·1	86·1	85·9	86·3
25	86·0	86·0	85·9	85·9	86·1	86·3	86·6	87·0	87·5	88·0	89·0	89·4	89·3	89·4	89·4	88·6	88·0	87·8	87·2	86·6	86·6	86·6	86·1	86·0	87·3
26	86·0	86·1	86·0	86·2	85·9	86·3	86·8	87·4	87·6	87·9	87·6	88·6	88·6	88·6	89·8	89·6	87·8	87·4	86·7	86·2	86·0	86·1	85·8	85·9	87·1
27	86·1	86·0	85·4	84·2	84·5	85·6	87·0	87·8	87·3	87·8	87·8	88·1	88·0	88·2	88·6	88·4	88·9	88·9	88·6	87·8	87·0	86·6	86·2	86·4	87·1
28	85·9	84·3	83·2	84·1	84·4	85·2	86·0	87·0	89·0	89·1	89·2	89·6	89·8	89·3	89·4	88·6	89·1	89·9	89·8	88·6	87·7	87·4	87·0	86·6	87·5
29	85·9	85·7	85·9	85·7	86·0	86·3	86·6	88·1	88·7	88·4	89·2	90·6	89·5	87·7	87·8	87·5	87·2	87·1	87·0	86·6	86·6	86·2	86·1	85·9	87·2
30	85·4	85·1	84·8	85·0	84·6	84·7	85·7	86·5	87·6	88·0	88·6	89·1	90·3	88·1	87·6	88·6	88·5	87·1	86·9	86·4	85·9	85·3	85·4	85·5	86·7
31	85·6	85·4	85·0	84·9	84·9	85·0	85·1	85·6	86·2	86·0	86·8	86·1	87·6	87·5	87·9	87·5	87·2	86·3	85·3	85·2	84·8	84·4	84·1	84·2	85·8
Mean ...	85·8	85·6	85·5	**85·5**	85·7	86·4	87·1	87·7	88·3	88·5	88·9	89·1	**89·1**	89·0	88·9	88·8	88·6	88·3	87·7	87·1	86·7	86·4	86·1	85·9	87·4

37. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **August, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	83·9	84·0	83·8	83·8	84·3	84·4	84·6	85·3	85·4	85·7	86·0	86·4	86·0	86·3	86·6	86·6	85·7	85·1	85·1	84·7	84·2	83·0	82·7	83·0	84·9
2	83·0	82·1	82·1	82·2	82·9	84·0	84·6	85·6	85·4	86·0	86·6	87·0	87·3	88·0	88·4	88·4	88·4	88·0	86·0	85·2	84·7	83·9	84·0	83·5	85·3
3	82·6	82·0	81·6	82·0	82·8	83·9	85·1	86·0	86·2	86·9	86·8	86·9	86·6	86·4	86·1	86·0	86·6	87·0	86·5	86·2	85·7	85·6	85·3	85·1	85·2
4	84·6	84·7	84·6	84·1	84·1	84·6	85·3	86·0	86·6	87·3	87·0	86·9	87·2	87·7	87·6	87·1	87·3	87·4	86·8	86·3	86·1	85·9	85·7	85·6	86·1
5	85·4	85·1	85·1	85·1	85·0	85·2	85·6	85·7	86·0	86·4	87·1	87·0	87·4	87·7	87·6	87·6	87·9	87·9	87·7	87·4	87·2	86·9	87·0	87·0	86·6
6	86·9	86·6	86·3	86·5	86·9	86·9	87·7	87·8	88·9	91·0	91·5	91·2	91·9	91·9	90·5	88·7	87·8	87·6	87·5	87·2	86·2	85·6	84·9	85·0	88·1
7	84·6	84·0	82·8	82·9	84·0	86·5	86·8	87·6	87·1	87·7	88·0	88·0	89·4	89·2	89·2	88·6	88·8	88·2	88·2	88·4	88·1	87·9	87·5	86·8	87·1
8	85·9	85·9	85·4	84·7	84·1	85·5	87·0	87·8	88·0	89·2	89·6	90·0	90·3	91·7	91·7	91·4	90·7	90·0	89·7	88·8	88·6	87·5	86·1	86·0	88·2
9	86·6	86·7	86·7	86·8	86·8	87·1	87·6	87·4	87·1	87·1	87·4	88·8	91·0	91·0	93·2	92·0	92·6	92·3	91·0	89·1	87·9	87·6	86·9	86·4	88·6
10	85·9	85·3	84·6	85·1	85·1	85·6	86·4	88·0	89·1	89·5	90·6	91·2	91·9	92·2	90·9	90·0	89·2	90·9	89·6	88·6	87·1	86·0	85·0	83·8	88·0
11	83·4	84·4	84·3	84·2	85·1	84·7	86·0	87·2	87·9	88·6	89·4	88·5	88·9	90·1	88·6	89·1	89·6	88·8	88·9	88·2	87·5	87·0	86·6	86·6	87·2
12	86·1	86·1	85·9	85·6	85·7	85·4	85·5	85·6	85·6	86·1	86·4	87·2	87·4	89·5	91·1	91·3	91·0	90·2	90·0	89·0	88·7	88·2	87·7	87·7	87·6
13	87·6	87·3	87·1	87·2	87·2	87·6	88·0	89·1	91·0	91·4	90·2	89·3	89·0	89·2	89·0	88·7	88·8	88·4	87·7	87·0	85·5	85·8	86·0	86·1	88·1
14	85·7	85·3	85·0	84·9	84·5	84·7	85·9	86·4	86·8	87·7	86·5	87·9	88·2	87·6	88·3	88·3	88·0	87·8	87·3	86·1	85·6	84·1	82·5	81·6	86·2
15	81·8	82·6	82·8	83·1	83·8	84·1	85·0	85·9	86·8	87·6	88·6	89·6	90·5	90·0	90·0	89·5	89·8	90·7	88·8	87·0	85·7	84·8	84·7	84·9	86·5
16	85·1	85·1	85·3	85·1	85·1	85·4	85·8	85·9	86·9	87·7	89·0	89·0	89·1	88·7	88·8	88·4	88·7	88·6	88·7	87·0	86·2	86·2	85·1	83·4	86·9
17	83·4	83·8	84·6	84·6	84·6	85·4	86·4	87·4	88·4	89·2	89·7	91·0	91·8	92·0	91·4	91·4	90·0	89·0	88·5	87·7	87·2	87·2	86·4	86·3	87·7
18	86·0	85·4	85·1	85·2	84·6	84·2	84·8	84·7	85·2	85·6	86·7	86·4	86·0	86·0	85·7	86·0	85·7	85·3	85·2	85·0	85·0	84·9	84·8	84·4	85·4
19	84·4	84·4	84·2	84·3	84·2	84·1	84·4	84·4	84·6	85·0	85·3	85·4	85·9	86·0	86·1	86·2	86·7	86·1	86·0	85·7	85·7	85·9	86·0	85·9	85·3
20	85·3	85·6	85·6	85·6	85·6	85·9	86·3	86·9	87·5	89·0	90·0	89·4	89·7	89·5	88·7	88·8	88·4	88·0	87·3	86·7	86·9	86·8	86·7	86·6	87·3
21	86·6	86·5	86·5	86·5	86·4	86·6	86·9	87·0	87·0	86·8	87·0	86·6	86·7	87·1	87·5	87·2	87·0	86·8	86·5	86·5	86·5	86·8	86·8	86·5	86·8
22	86·5	86·6	86·4	86·0	85·8	85·9	86·3	87·6	87·2	87·7	87·9	87·6	87·3	87·5	87·4	87·1	87·0	86·7	86·5	86·1	86·1	86·0	85·9	86·1	86·7
23	86·3	86·2	86·3	86·4	86·5	87·0	86·6	87·0	86·9	86·8	88·0	87·4	87·5	87·0	86·7	87·1	87·3	87·4	86·9	86·5	86·5	86·4	86·2	86·1	86·8
24	86·0	86·0	86·0	86·0	85·9	85·8	86·3	86·7	86·6	86·4	86·8	87·7	88·2	87·8	87·5	87·4	87·3	87·7	86·6	86·1	85·9	85·2	84·9	84·7	86·5
25	84·6	84·1	83·6	83·3	82·5	82·6	83·9	84·9	86·3	87·4	87·4	87·5	87·8	87·9	88·4	88·8	88·2	88·0	86·2	85·5	84·2	83·3	81·8	81·0	85·5
26	80·6	80·3	79·4	79·4	79·1	81·7	85·3	86·3	86·9	87·0	87·2	88·3	87·6	86·4	86·4	86·6	86·6	87·2	87·2	86·4	86·0	85·6	85·2	86·2	**84·8**
27	86·3	85·9	86·2	85·9	85·2	85·1	85·4	86·1	86·7	87·1	87·3	88·4	89·6	90·2	90·4	90·7	90·4	90·5	88·8	87·0	86·5	85·2	84·2	83·8	87·3
28	83·6	82·9	82·5	82·5	81·7	82·4	84·8	86·7	87·8	88·7	89·7	89·7	88·7	89·5	89·1	90·2	89·5	89·4	89·3	89·3	88·9	88·3	88·5	86·9	87·0
29	86·6	86·7	86·5	86·6	86·3	85·7	86·7	87·5	88·6	88·7	88·6	89·4	89·4	89·0	88·9	89·1	88·5	88·0	87·0	86·1	85·9	85·6	86·0	85·5	87·4
30	85·5	85·6	85·4	84·9	84·5	85·0	86·0	86·2	87·4	87·7	87·6	88·0	87·6	87·1	87·0	86·7	86·6	86·5	86·6	86·4	86·0	86·1	86·0	86·2	86·3
31	87·0	87·4	88·3	88·3	88·6	89·3	89·7	90·1	90·1	90·2	90·6	93·4	93·5	91·7	90·4	89·8	88·4	87·4	86·8	86·3	85·4	85·5	84·0	84·7	**88·7**
Mean ...	85·1	85·0	84·8	**84·8**	84·8	85·2	86·0	86·7	87·2	87·7	88·1	88·4	88·7	**88·8**	88·7	88·5	88·3	88·2	87·6	86·9	86·4	86·0	85·5	85·3	86·8
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

38. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulb above ground) = 12·5 metres. **September, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	83·3	82·8	83·9	83·4	84·2	83·9	84·5	85·8	86·2	86·6	86·7	87·0	87·8	86·4	86·2	86·1	84·4	84·8	83·9	83·5	82·8	82·4	82·0	82·0	84·7
2	82·0	81·9	81·7	82·0	81·7	82·5	83·0	84·3	85·1	85·4	85·7	86·4	86·5	85·1	84·5	84·5	84·4	84·4	84·4	84·5	84·2	84·5	84·5	84·1	84·0
3	82·0	81·0	80·9	80·9	80·3	80·6	81·1	82·2	83·0	83·2	83·9	84·3	83·4	83·0	83·8	83·6	81·6	81·5	81·1	80·9	80·6	80·2	79·8	79·6	81·9
4	79·1	78·8	79·0	78·5	78·0	77·5	78·7	79·6	80·1	80·6	80·9	81·7	82·8	83·2	82·6	82·6	82·7	81·5	81·2	80·6	80·5	80·6	80·9	81·0	**80·5**
5	81·0	80·5	80·0	79·8	80·0	79·9	80·4	80·8	81·4	81·9	82·7	82·9	83·1	83·6	83·7	83·0	82·8	82·2	81·9	82·0	82·0	81·7	81·6	81·6	81·7
6	81·8	82·3	82·4	82·3	82·3	82·2	82·2	83·2	83·1	83·2	83·3	83·4	83·8	84·3	84·0	84·1	84·1	83·6	82·5	82·3	82·4	82·1	81·5	81·1	82·8
7	81·1	81·5	81·7	81·7	82·0	82·1	82·5	83·5	84·0	85·4	85·9	85·7	85·7	84·9	85·0	85·0	84·0	83·4	82·6	82·0	81·7	81·6	81·0	80·5	83·1
8	80·4	80·1	80·1	80·3	80·8	81·2	81·6	82·3	82·6	83·9	84·4	84·4	84·7	84·1	84·3	84·9	83·8	82·9	82·5	82·0	81·5	81·4	81·5	81·1	82·4
9	81·0	80·8	80·7	80·6	80·4	80·3	80·2	80·7	80·8	81·4	82·3	81·2	82·1	81·4	82·9	83·0	82·9	82·4	81·6	80·6	80·4	80·4	80·4	80·1	81·2
10	79·3	79·1	79·2	79·6	79·7	79·9	81·8	83·6	84·0	84·9	85·3	85·8	86·3	86·0	85·9	85·7	84·9	84·5	84·1	83·9	83·9	84·1	83·1	82·9	83·2
11	82·8	82·9	82·5	82·2	81·7	81·1	82·0	82·8	82·6	83·2	82·7	83·6	85·1	84·8	85·1	84·1	82·6	82·9	82·5	82·1	81·0	81·0	79·9	80·7	82·6
12	80·0	79·7	79·9	79·4	79·3	80·1	81·0	82·2	83·6	84·0	84·5	84·9	84·8	84·7	84·6	84·6	84·1	83·5	83·1	82·1	80·6	80·6	79·7	80·1	82·1
13	79·8	80·7	80·6	79·8	79·4	79·8	81·1	83·0	83·5	85·4	85·9	86·6	87·2	86·8	87·5	87·6	86·8	86·0	84·8	83·9	83·6	83·8	83·4	83·2	83·7
14	83·9	84·0	84·3	84·0	83·8	83·6	84·0	84·7	85·9	87·7	88·6	89·6	89·6	89·6	90·0	89·7	89·3	88·9	88·0	87·7	87·3	86·9	86·6	86·1	**86·8**
15	85·9	85·3	85·7	85·6	85·6	85·1	85·1	85·2	86·9	87·2	87·8	87·3	87·0	87·3	88·0	87·0	86·1	85·8	85·6	85·6	85·4	85·4	85·4	85·4	86·1
16	85·2	85·0	84·9	84·8	84·9	84·3	84·5	84·2	84·8	85·1	86·6	86·9	87·0	87·8	87·2	86·7	86·8	85·6	85·0	84·7	83·0	82·0	81·1	80·7	85·0
17	81·2	80·4	80·3	79·2	78·9	78·1	78·7	80·3	83·0	84·4	84·1	84·5	84·8	84·8	84·8	84·5	84·3	83·8	83·6	83·5	83·2	83·0	82·6	82·6	82·4
18	82·3	82·2	82·0	81·6	81·5	81·4	81·6	81·9	83·5	84·4	85·7	86·0	87·5	88·0	87·7	87·6	87·1	85·9	85·0	85·0	84·5	84·1	83·5	83·2	84·3
19	82·5	82·6	82·4	82·6	82·9	82·4	82·8	84·2	85·5	85·8	86·0	86·6	86·4	85·9	85·6	85·1	84·9	84·8	84·7	82·9	82·4	82·8	82·4	82·2	84·0
20	81·4	80·6	80·4	80·4	80·9	81·2	81·6	82·0	83·0	83·9	84·6	85·8	86·8	86·0	86·6	86·2	85·9	84·5	83·9	82·9	82·2	81·0	80·6	80·3	83·1
21	80·5	79·8	79·4	79·0	78·6	78·5	80·0	81·5	83·0	83·6	83·8	84·5	85·4	84·7	83·8	84·3	84·4	83·0	83·1	81·5	82·1	80·9	80·1	79·6	81·9
22	79·5	78·4	78·8	78·9	79·5	80·0	80·5	81·6	83·0	83·5	84·9	84·9	85·0	84·9	84·2	84·0	83·2	82·9	82·6	82·1	82·0	81·9	81·7	81·9	82·0
23	81·9	82·0	82·1	81·5	81·8	81·9	82·3	83·0	83·4	84·4	84·5	85·4	85·9	85·1	85·2	83·6	83·1	82·4	82·1	82·0	82·0	82·0	81·9	81·6	83·0
24	81·4	81·5	81·3	81·1	80·6	80·6	81·0	81·9	81·7	82·2	83·6	83·8	83·4	83·0	81·9	82·6	83·0	82·2	81·6	81·7	81·0	81·7	80·9	80·3	81·9
25	80·3	80·7	79·9	79·4	79·4	78·6	78·9	80·0	81·7	83·1	84·1	84·6	84·0	84·3	83·3	83·8	83·4	83·1	83·0	82·9	82·4	81·4	81·1	80·7	81·8
26	80·4	80·3	80·3	80·1	79·9	79·7	79·9	80·0	80·7	81·5	82·1	82·5	82·5	82·6	82·7	82·4	82·4	82·3	82·0	81·8	81·5	81·4	81·6	81·1	81·3
27	80·9	80·9	81·1	80·6	79·7	79·8	80·4	81·8	82·8	83·4	84·0	84·1	84·7	84·9	84·8	84·4	84·1	83·1	81·6	80·6	80·4	81·0	81·3	81·4	82·1
28	82·2	82·7	82·0	82·0	82·3	82·0	82·3	83·2	84·4	85·4	86·6	88·6	88·8	89·4	90·7	91·1	89·6	88·0	87·4	86·9	86·6	86·7	87·0	87·1	85·8
29	87·1	87·2	87·4	87·0	86·9	86·6	86·5	86·6	85·0	84·9	84·9	85·1	85·4	85·5	85·5	85·0	85·4	84·6	83·5	83·3	83·5	83·4	83·6	83·3	85·4
30	83·2	82·7	82·6	82·6	83·1	83·4	83·0	83·6	84·8	86·5	87·2	87·7	87·2	88·0	88·0	87·3	87·1	86·7	85·6	85·1	84·4	83·9	83·6	83·0	85·0
Mean ...	81·8	81·6	81·6	81·4	81·3	**81·3**	81·8	82·7	83·4	84·2	84·8	85·2	**85·5**	85·3	85·3	85·1	84·6	84·0	83·5	83·0	82·6	82·5	82·1	81·9	83·2

39. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **October, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	81·9	81·9	81·5	81·8	81·8	81·7	81·7	83·6	84·6	87·0	88·4	88·3	88·5	86·6	87·1	86·6	86·2	85·3	85·0	84·6	83·6	82·8	83·0	82·6	84·4
2	82·6	83·2	83·0	82·6	82·4	82·5	83·0	83·9	84·5	86·1	86·7	87·4	87·9	87·5	87·3	86·5	85·8	84·5	85·0	85·4	84·9	84·7	84·0	83·7	84·8
3	83·9	83·7	84·1	84·5	84·6	85·4	85·6	86·1	87·4	89·2	86·4	86·2	85·7	84·3	83·3	83·7	83·3	82·9	82·6	82·6	82·4	82·6	82·6	82·6	84·4
4	82·6	82·1	81·0	80·2	79·5	79·4	79·8	80·5	82·5	83·5	84·5	85·3	85·5	85·6	86·1	86·0	85·3	84·7	84·5	84·3	83·7	84·2	84·2	84·1	83·3
5	84·2	84·3	84·6	84·3	88·0	88·9	88·7	88·1	86·4	87·1	88·9	89·1	88·7	88·7	88·6	87·6	87·0	86·8	86·6	86·2	86·3	86·6	86·9	87·2	87·0
6	87·5	87·7	87·3	87·9	88·3	88·6	88·5	89·1	89·7	89·6	89·2	89·5	89·7	89·5	89·4	89·5	88·1	87·0	87·4	86·7	84·6	84·0	82·9	82·7	**87·8**
7	82·2	81·5	80·9	80·6	80·1	80·5	80·2	80·0	81·1	81·0	81·5	81·5	81·6	81·6	81·2	80·4	79·6	79·1	79·2	78·3	78·3	77·4	77·8	77·6	80·2
8	77·4	77·0	77·6	77·7	77·0	77·1	76·9	78·7	79·2	80·7	81·9	83·3	83·3	83·7	83·4	82·9	82·6	82·0	82·1	82·0	81·8	80·8	80·6	80·0	80·4
9	80·8	80·0	78·8	77·7	77·7	77·7	77·9	79·6	81·2	83·2	84·3	84·7	85·0	85·5	85·7	86·3	85·5	83·4	82·6	81·4	81·6	81·1	80·9	80·1	81·8
10	79·4	78·7	78·6	79·4	78·9	77·9	78·1	80·5	82·4	85·0	86·2	86·2	86·0	86·0	85·8	85·4	84·6	82·8	83·0	82·6	83·0	83·1	82·6	82·7	82·4
11	82·1	82·0	82·2	82·1	81·6	81·5	81·4	82·0	82·8	83·5	84·6	85·0	84·1	84·5	85·0	84·7	85·0	85·4	85·6	84·4	83·4	82·2	81·3	81·0	83·3
12	80·1	80·1	79·2	79·6	77·9	77·5	77·1	78·5	79·4	80·4	80·1	80·3	80·5	80·7	80·4	80·0	79·4	79·2	78·8	78·8	78·9	78·3	77·9	77·8	79·3
13	77·7	77·0	77·0	76·7	76·6	76·0	75·7	75·9	75·4	77·0	76·9	77·1	77·8	76·4	76·6	76·9	74·9	74·7	75·0	75·2	74·7	75·1	75·5	75·4	76·2
14	76·0	76·1	75·9	76·4	76·6	76·6	76·7	76·5	76·1	78·1	76·6	78·2	80·8	78·9	79·2	78·2	77·7	77·2	77·1	77·1	76·7	75·8	75·3	75·6	77·1
15	75·4	75·4	75·6	75·5	75·3	75·2	75·5	75·9	76·6	77·8	78·5	79·0	79·0	77·4	78·9	78·4	76·0	75·4	74·9	75·0	74·4	74·3	74·5	74·2	76·2
16	74·4	74·2	73·8	73·6	73·7	73·9	74·2	74·6	75·2	76·6	78·2	79·2	79·3	79·6	79·7	79·2	78·0	75·7	74·8	74·2	73·6	74·0	74·1	74·2	**75·7**
17	74·9	76·1	76·8	76·5	75·8	77·1	78·0	79·0	80·1	80·1	80·7	82·9	85·4	85·1	85·0	84·4	83·5	82·6	81·0	80·3	80·5	80·5	81·0	80·8	80·2
18	81·0	82·4	81·6	81·3	80·8	79·8	79·1	79·0	79·3	80·1	80·0	80·6	81·2	80·2	80·4	80·1	79·0	77·6	76·1	75·2	74·8	74·7	74·8	75·2	79·0
19	74·9	74·6	74·0	73·9	74·0	73·9	73·5	73·5	75·0	77·6	79·6	80·5	81·2	80·6	80·6	80·3	80·2	80·2	80·1	80·0	80·2	80·3	80·6	80·8	77·8
20	80·8	80·9	81·0	80·8	81·1	81·2	81·4	80·9	81·1	81·3	81·6	81·6	81·6	81·8	82·0	82·1	82·3	82·5	82·6	82·4	82·4	82·2	81·9	81·6	81·6
21	81·6	81·6	81·7	81·0	80·9	81·4	81·4	82·3	83·0	84·7	85·5	86·2	86·5	87·0	87·1	86·8	85·7	85·0	84·3	84·3	84·6	85·0	84·7	84·6	84·0
22	84·4	84·1	84·0	84·0	83·9	83·6	83·7	84·0	84·3	84·4	84·4	84·8	85·7	85·7	85·1	84·7	84·6	85·0	85·0	84·5	84·5	84·3	84·3	84·1	84·5
23	83·9	83·9	84·2	84·5	84·4	84·2	84·2	83·8	83·7	83·6	83·9	83·9	84·3	85·0	85·2	84·4	84·5	83·9	83·5	83·8	83·1	82·4	82·4	82·4	83·9
24	82·6	82·7	82·8	82·8	82·7	82·8	82·9	83·0	83·6	84·6	85·5	86·0	86·4	86·2	86·1	85·4	84·6	84·1	83·8	83·6	82·6	82·5	81·6	81·9	83·8
25	82·3	82·4	82·1	82·1	81·5	81·4	81·6	82·5	83·4	83·2	84·1	85·4	86·4	85·9	86·1	85·7	84·1	82·4	82·1	82·6	82·4	82·0	82·2	82·0	83·2
26	81·6	81·8	81·8	81·0	81·1	81·1	81·9	82·9	83·2	83·5	84·5	84·1	84·1	84·0	83·5	83·4	84·1	83·8	82·7	82·1	82·4	82·4	81·8	82·4	82·7
27	83·4	83·6	83·0	82·4	82·7	82·7	82·4	82·5	82·7	83·1	84·0	84·4	84·1	84·0	84·2	83·6	83·5	83·3	82·9	82·5	81·9	82·5	83·1	83·0	83·1
28	82·8	82·3	81·7	81·7	81·4	81·0	80·1	79·9	80·5	81·9	83·0	83·4	84·2	84·0	83·6	82·4	81·9	81·1	81·8	82·4	83·0	82·9	83·2	82·8	82·2
29	82·9	83·0	83·1	82·9	82·2	81·9	82·0	81·6	82·2	82·9	83·5	84·5	83·9	83·9	83·6	83·7	83·5	83·5	83·4	84·3	84·3	84·5	84·4	84·4	83·3
30	84·0	83·9	83·6	83·6	83·5	83·5	83·5	83·6	83·8	83·9	84·2	84·4	84·4	84·2	84·0	83·9	83·8	83·8	83·9	83·9	83·6	83·5	83·7	83·2	83·8
31	83·6	83·8	83·9	84·0	83·9	83·9	83·5	83·4	84·2	84·6	85·0	85·3	85·8	86·4	85·0	84·5	84·3	84·1	84·0	83·7	83·3	83·6	83·5	83·5	84·2
Mean ...	81·1	81·0	80·9	80·7	**80·6**	**80·6**	80·7	81·1	81·8	82·8	83·3	83·8	**84·1**	83·9	83·8	83·5	82·9	82·2	82·0	81·8	81·5	81·3	81·2	81·1	82·0
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

40. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulb above ground) = 12·5 metres. **November, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	83·2	83·3	83·3	83·4	83·0	82·6	81·7	81·7	82·3	82·2	82·6	82·7	83·2	83·1	83·5	83·6	83·5	83·4	83·5	83·6	83·5	83·7	84·0	84·2	83·1
2	84·2	84·1	84·1	84·0	84·0	84·0	84·0	83·8	84·0	84·2	84·2	84·4	84·5	84·4	84·1	84·2	83·9	84·2	84·3	84·2	83·5	83·1	82·3	81·6	**83·9**
3	80·9	81·1	80·3	80·4	80·1	79·8	79·5	79·0	78·6	78·9	80·8	81·7	82·6	83·0	82·8	82·8	82·7	82·3	82·0	81·6	81·4	81·1	81·5	81·1	81·1
4	80·7	80·0	79·7	79·3	79·2	80·0	80·1	80·0	81·0	81·5	82·7	83·5	84·0	84·4	84·6	84·2	83·0	82·0	81·1	79·1	78·8	78·7	78·0	77·4	81·0
5	77·4	76·6	77·0	76·5	77·0	78·0	78·6	78·8	80·0	80·2	80·8	82·0	82·2	82·2	82·0	81·3	80·2	79·9	80·2	79·6	79·2	78·3	78·1	77·6	79·3
6	78·6	78·4	78·0	77·7	77·6	77·4	77·0	76·9	77·5	77·8	78·6	79·0	79·4	79·3	79·0	78·6	78·2	77·7	77·6	77·2	76·8	76·8	76·9	76·4	77·9
7	75·7	75·8	76·8	77·4	78·1	78·4	78·5	78·3	78·5	79·0	79·5	79·8	78·2	78·3	78·6	79·1	78·9	77·2	78·1	78·0	76·9	78·0	77·8	78·5	78·0
8	78·6	78·1	77·8	77·4	77·2	76·3	75·2	75·9	74·1	74·2	75·7	75·1	75·7	75·0	75·0	74·8	74·1	73·7	73·8	73·6	74·0	73·6	73·6	73·5	75·4
9	73·4	73·4	73·7	73·8	73·9	73·6	73·5	73·5	73·6	74·0	74·5	74·9	75·4	75·6	75·2	74·6	73·6	73·5	73·3	72·7	72·7	72·6	72·8	72·9	**73·8**
10	72·4	72·6	72·8	73·1	73·3	73·7	73·6	73·7	73·9	74·5	74·9	75·1	75·6	75·9	76·1	75·4	75·4	74·7	73·9	73·6	73·0	73·3	73·6	73·5	74·1
11	72·8	73·7	74·0	73·9	73·8	72·9	73·5	74·0	74·5	75·2	76·2	76·8	76·7	77·0	76·7	75·8	75·8	75·4	74·9	74·7	74·8	75·0	74·5	73·6	74·8
12	73·4	73·4	72·9	73·2	73·1	73·2	73·3	73·4	73·5	74·6	76·6	76·7	77·9	76·9	76·6	76·1	76·0	75·6	75·0	75·0	74·8	74·4	74·2	74·3	74·7
13	74·5	74·4	73·9	73·6	73·2	73·9	73·9	74·6	74·6	75·3	76·4	76·9	77·2	77·2	77·0	76·2	75·7	75·6	74·7	74·7	74·2	74·0	73·5	72·4	74·9
14	72·6	71·2	71·1	72·0	72·5	73·4	73·4	73·4	74·6	74·5	74·7	75·6	76·5	77·2	77·5	76·6	75·8	75·7	75·9	75·8	75·6	75·6	75·6	75·4	74·6
15	75·0	75·1	75·7	76·2	75·8	75·7	74·6	74·4	75·2	75·5	76·0	77·1	77·2	77·3	77·4	77·3	76·7	77·1	76·8	76·1	76·6	76·6	77·0	77·8	76·2
16	77·4	77·0	77·1	77·4	77·5	78·5	78·2	78·0	77·1	78·0	79·3	79·9	80·3	80·4	79·7	78·4	77·3	75·6	75·3	74·5	74·4	74·5	74·3	73·5	77·3
17	72·9	72·4	72·4	71·4	71·3	71·2	71·2	71·4	71·8	72·5	73·4	74·8	76·9	77·8	77·9	77·4	77·2	76·7	76·1	76·4	77·5	77·0	76·8	77·0	74·6
18	76·6	76·6	76·0	75·9	75·8	75·4	75·0	75·2	76·3	77·4	78·6	79·0	79·4	79·6	79·0	78·3	78·0	77·4	77·0	77·1	76·5	75·5	76·2	75·6	77·0
19	75·2	74·1	72·8	71·4	72·2	70·9	71·4	70·8	71·8	72·4	74·1	74·6	76·0	76·9	76·5	76·4	75·1	75·4	76·5	75·2	76·9	76·9	76·3	76·0	74·4
20	76·0	76·6	75·8	76·2	75·9	76·3	77·4	77·5	76·4	78·1	78·9	80·1	81·0	80·7	80·5	79·6	78·9	78·5	78·5	77·3	77·1	77·0	76·9	76·1	77·8
21	75·5	75·9	75·5	75·6	76·1	76·1	76·2	76·6	77·1	77·2	77·9	78·5	78·9	79·7	79·7	79·0	78·6	78·6	78·0	78·0	78·1	78·2	78·2	78·0	77·5
22	77·9	77·8	77·7	77·6	78·0	77·9	77·9	76·9	76·6	77·5	80·0	80·7	80·5	80·4	80·1	79·6	79·4	78·7	78·3	78·2	76·7	76·5	76·0	76·5	78·3
23	75·8	75·8	76·3	76·4	75·8	75·9	76·0	75·1	75·3	76·1	77·0	78·0	78·3	78·2	76·5	76·0	75·6	75·8	76·1	76·1	76·2	75·6	75·9	75·8	76·3
24	75·8	75·2	75·0	75·8	76·2	76·9	77·1	76·9	77·0	77·8	78·2	78·1	77·9	78·0	77·9	77·8	77·4	78·2	77·9	78·3	78·3	79·6	77·0	75·9	77·3
25	74·9	73·9	73·2	72·8	73·2	73·0	73·9	73·8	74·6	74·6	75·0	74·4	75·5	75·6	75·0	74·8	74·3	73·7	73·5	73·6	73·4	73·0	72·8	72·9	74·0
26	73·2	73·0	73·0	72·5	72·3	72·6	72·8	73·2	73·6	74·0	74·2	75·0	75·2	74·9	75·1	74·9	75·0	75·3	76·3	76·5	77·9	77·1	76·0	76·2	74·5
27	74·1	73·8	74·3	73·7	74·2	74·3	75·0	73·8	74·8	74·4	74·8	75·1	75·5	75·0	75·1	74·3	73·4	74·0	73·8	73·6	73·0	73·4	73·6	73·6	74·2
28	72·3	73·4	73·0	73·8	74·2	74·0	73·2	74·3	74·8	74·4	74·4	74·5	74·5	74·4	75·7	75·4	75·0	74·8	75·2	74·4	74·6	74·4	74·5	74·8	74·3
29	73·9	74·1	74·0	73·6	73·6	73·6	73·6	74·0	74·4	73·7	72·6	72·9	73·5	73·7	73·7	73·6	73·6	74·0	74·2	74·5	74·4	74·0	73·8	74·0	73·8
30	74·2	74·4	75·0	77·1	77·8	77·2	77·5	78·0	77·9	77·9	78·0	77·0	76·9	77·8	76·9	77·0	77·1	77·1	78·0	77·6	76·8	76·2	76·0	75·6	76·8
Mean ...	76·0	75·8	**75·7**	75·8	75·9	75·9	75·9	75·9	76·2	76·6	77·4	77·8	78·2	**78·3**	78·2	77·8	77·3	77·1	77·0	76·7	76·6	76·5	76·3	76·1	76·7

41. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **December, 1925.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	74·9	74·8	74·6	73·9	74·0	73·9	74·0	73·7	73·5	73·9	73·8	74·5	73·8	73·8	74·1	73·7	73·7	73·8	73·7	73·5	73·2	73·0	72·8	72·7	73·9
2	72·8	73·0	73·3	72·8	73·3	73·1	73·5	73·5	73·3	73·4	73·8	74·7	74·9	75·0	74·6	74·6	75·0	75·5	75·5	75·3	75·2	75·0	75·1	74·8	74·2
3	75·0	74·6	75·1	75·2	75·5	75·6	75·8	75·7	75·5	75·8	75·8	76·0	76·0	75·9	75·7	75·6	75·6	75·5	75·4	75·6	75·5	75·3	75·3	75·4	75·5
4	75·4	75·7	76·0	75·9	75·5	75·6	75·8	75·6	74·9	74·5	75·5	76·0	76·2	75·9	75·2	74·4	74·1	73·9	73·9	74·2	74·0	74·4	74·5	73·3	75·1
5	73·3	73·5	73·2	73·3	72·7	73·0	72·9	73·1	73·6	74·1	74·4	75·4	75·2	75·4	74·8	74·6	74·5	74·1	74·6	75·0	75·3	75·4	75·6	76·2	74·2
6	76·1	75·7	75·3	75·2	74·8	74·6	74·2	74·6	73·6	74·3	74·4	75·5	76·1	75·2	73·9	73·1	71·9	71·4	71·5	73·1	75·9	75·8	76·0	75·9	74·5
7	76·0	76·5	75·6	75·6	76·2	77·2	77·4	77·6	77·6	78·0	78·6	78·3	78·8	78·9	78·0	78·1	78·9	79·3	79·4	79·4	79·4	79·6	79·6	79·6	78·0
8	79·9	80·2	80·3	80·6	80·8	81·2	81·2	81·4	81·4	81·6	81·9	81·5	81·9	81·8	82·1	80·2	79·5	78·6	78·4	78·4	78·1	77·7	77·4	76·6	**80·2**
9	76·4	76·0	75·8	75·8	76·0	75·7	76·5	76·9	77·4	77·8	77·9	78·6	78·8	78·6	79·0	78·7	78·6	78·2	77·5	77·4	78·2	78·6	78·7	78·5	77·5
10	78·5	78·4	78·4	78·3	78·1	77·8	78·1	77·9	78·0	77·7	77·3	77·8	78·1	77·9	78·1	77·9	77·9	77·9	78·0	77·9	77·3	77·0	76·6	76·4	77·9
11	76·4	76·2	76·1	75·7	75·6	75·6	75·6	75·7	76·0	76·2	76·5	76·3	76·6	75·6	77·6	77·0	76·6	76·5	76·8	76·2	76·4	76·3	76·5	77·4	76·3
12	77·8	77·4	77·1	77·0	76·3	75·5	75·4	74·9	75·0	75·0	74·3	74·9	75·0	74·6	73·9	73·7	73·7	73·4	73·4	73·0	73·0	72·9	73·1	73·4	74·8
13	73·0	73·2	72·8	73·2	72·4	73·1	73·2	73·0	73·2	73·6	73·4	73·1	73·3	72·6	72·4	72·0	71·8	72·0	71·4	71·8	71·4	72·0	72·0	71·9	72·6
14	71·9	71·4	71·9	72·4	72·3	73·0	73·5	73·7	73·5	73·3	73·7	74·2	73·9	73·4	73·0	72·7	73·6	73·8	72·8	72·8	72·2	71·2	71·5	72·7	72·8
15	72·5	72·5	72·6	72·5	72·8	73·2	73·6	73·6	73·2	72·4	72·5	72·2	72·3	73·1	73·6	73·2	73·8	74·2	74·2	74·2	74·4	75·5	76·1	75·5	73·4
16	75·0	75·6	75·1	75·9	76·0	76·5	76·6	76·7	77·5	77·9	78·4	78·5	78·8	78·6	78·3	77·5	78·0	78·6	77·6	77·8	78·0	79·4	78·4	78·7	77·4
17	79·0	79·6	79·0	80·5	80·9	81·5	81·0	81·1	80·8	79·8	79·4	79·3	78·3	78·2	77·7	77·2	76·6	76·3	75·8	75·3	75·0	74·4	74·0	73·8	78·2
18	73·8	73·6	73·4	73·4	73·4	73·2	73·2	73·0	73·0	73·0	73·0	73·1	73·0	72·9	73·1	72·8	72·5	71·9	71·9	71·8	71·4	70·8	70·2	69·4	72·6
19	68·6	68·7	68·8	68·8	68·9	69·0	69·3	69·1	68·7	68·8	69·7	69·7	70·1	69·5	68·9	68·0	68·2	67·5	66·7	68·4	69·3	70·7	69·1	69·4	**68·9**
20	72·5	74·2	73·7	73·7	74·8	74·6	75·2	75·6	75·8	75·6	75·5	75 5	75·4	75·3	75·1	75·0	74·9	75·1	75·2	75·1	75·2	74·1	74·9	75·0	74·8
21	74·1	74·9	73·7	74·0	73·9	74·3	73·7	74·1	74·6	74·5	72·3	74·4	74·4	73·0	73·1	73·5	72·7	72·9	72·5	72·3	72·5	71·8	70·9	70·7	73·4
22	71·6	71·0	70·1	70·3	70·6	69·9	69·5	68·9	68·4	69·2	69·4	70·0	70·4	70·4	69·7	69·5	69·8	69·2	69·2	69·2	69·3	69·9	69·5	69·7	69·8
23	69·6	70·2	69·7	71·4	71·7	71·6	72·9	73·5	73·6	73·7	73·7	73·8	75·1	74·4	74·4	73·7	72·8	73·5	72·7	72·6	71·8	71·9	71·5	71·2	72·5
24	72·0	72·0	72·8	72·6	73·2	73·3	73·0	72·9	72·8	72·7	73·3	73·1	73·5	73·7	73·6	73·3	73·2	73·3	73·0	72·5	72·8	72·6	72·4	72·5	72·9
25	71·5	71·9	72·5	71·4	71·8	71·8	71·4	72·0	72·4	72·0	72·5	72·3	72·7	72·1	71·8	71·6	70·7	70·8	70·1	70·0	69·4	68·0	67·8	68·0	71·2
26	68·2	69·0	68·5	68·3	68·7	69·3	68·5	68·1	68·7	68·9	68·5	68·9	68·9	69·9	68·9	69·8	71·5	72·3	72·5	73·3	74·0	74·1	74·3	75·3	70·2
27	77·1	76·2	76·1	75·4	75·6	76·7	77·4	76·9	76·6	77·0	77·1	77·8	78·0	78·1	78·1	77·3	77·0	77·6	76·8	76·9	77·3	77·1	77·3	77·0	77·0
28	77·4	77·3	76·9	76·8	77·2	77·1	76·6	76·2	77·6	78·4	77·8	77·9	78·9	78·7	78·1	77·4	76·6	76·3	76·0	76·0	76·6	77·1	77·9	77·8	77·3
29	77·2	78·0	78·0	78·6	78·8	79·3	79·9	80·3	79·6	79·1	79·0	81·0	81·2	80·7	80·4	80·9	80·3	80·0	80·1	80·2	79·4	78·8	78·7	78·1	79·5
30	78·2	78·4	78·0	77·9	77·8	77·1	77·0	76·4	77·0	77·1	77·2	77·8	78·2	78·5	78·3	78·2	78·5	78·5	77·7	77·1	76·3	76·5	76·4	76·4	77·6
31	77·8	77·5	77·3	78·1	78·2	78·0	77·4	77·0	76·6	76·7	77·1	77·1	77·3	76·9	76·2	75·4	74 9	75·0	74·4	74·7	74·1	74·0	73·7	73·7	76·3
Mean ...	74·6	74·7	74·6	74·7	74·8	74·9	74·9	74·9	74·9	75·0	75·1	75·5	**75·6**	75·4	75·2	74·9	74·8	74·7	74·5	74·5	74·6	74·5	74·4	**74·4**	74·8
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

TEMPERATURE: ANNUAL MEANS OF HOURLY VALUES.

From readings in degrees absolute at exact hours, Greenwich Mean Time.

42. Aberdeen : North Wall Screen on Tower : $h_t = 12{\cdot}5$ metres. **1925.**

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
79·73	79·62	79·52	**79·48**	79·52	79·71	80·06	80·47	80·95	81·43	81·84	82·19	82·43	**82·47**	82·41	82·15	81·83	81·49	81·11	80·75	80·46	80·24	80·02	79·87	80·82

TEMPERATURE: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

43. Aberdeen : North Wall Screen on Tower : $h_t = 12{\cdot}5$ metres. **1925.**

Month.	Mean.	Hour. 1.	G.M.T 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
Jan.	277·78	−0·23	−0·48	−0·35	−0·36	−0·47	−0·56	−0·54	**−0·60**	−0·58	−0·25	+0·12	+0·54	+0·79	**+0·92**	+0·76	+0·56	+0·27	+0·20	+0·26	+0·16	+0·12	0·00	−0·11	−0·17
Feb.	277·17	−0·79	**−0·83**	−0·77	−0·69	−0·77	−0·75	−0·79	−0·77	−0·30	+0·20	+0·68	+1·14	+1·33	**+1·45**	+1·39	+0·98	+0·63	+0·40	+0·09	+0·02	−0·24	−0·45	−0·54	−0·66
Mar.	277·39	−1·03	−1·09	−1·24	−1·27	−1·41	**−1·58**	−1·47	−0·98	−0·19	+0·59	+1·11	+1·49	+1·60	+1·79	**+1·92**	+1·76	+1·38	+0·79	+0·32	−0·03	−0·25	−0·55	−0·69	−0·87
April	279·02	−1·27	−1·36	−1·53	−1·73	**−1·81**	−1·56	−0·92	−0·22	+0·50	+0·92	+1·26	+1·57	+1·80	**+2·00**	**+2·00**	+1·42	+1·11	+0·72	+0·21	−0·18	−0·39	−0·55	−0·81	−1·07
May	282·35	−1·15	−1·34	−1·43	**−1·52**	−1·35	−0·96	−0·27	+0·22	+0·56	+0·82	+1·09	+1·20	+1·35	**+1·55**	+1·47	+1·29	+1·13	+0·87	+0·30	−0·30	−0·66	−0·85	−1·01	−1·09
June	285·28	−1·92	−2·17	**−2·34**	−2·32	−1·95	−1·29	−0·54	+0·11	+0·65	+1·07	+1·33	+1·55	+1·93	**+2·20**	+2·10	+2·13	+1·79	+1·31	+0·78	+0·17	−0·55	−0·99	−1·45	−1·65
July	**287·37**	−1·55	−1·75	−1·91	**−1·94**	−1·64	−1·01	−0·31	+0·29	+0·90	+1·12	+1·56	+1·75	**+1·77**	+1·64	+1·58	+1·41	+1·29	+0·90	+0·35	−0·20	−0·63	−0·95	−1·19	−1·39
Aug.	286·77	−1·67	−1·77	−1·92	**−1·96**	**−1·96**	−1·53	−0·75	−0·10	+0·39	+0·95	+1·31	+1·65	+1·92	**+2·00**	+1·91	+1·77	+1·57	+1·39	+0·80	+0·11	−0·40	−0·82	−1·26	−1·51
Sept.	283·20	−1·45	−1·62	−1·64	−1·86	−1·88	**−1·93**	−1·44	−0·55	+0·23	+0·99	+1·58	+1·99	**+2·29**	+2·15	+2·15	+1·95	+1·45	+0·85	+0·30	−0·16	−0·54	−0·71	−1·03	−1·22
Oct.	281·99	−0·93	−0·96	−1·14	−1·24	**−1·35**	**−1·35**	−1·34	−0·85	−0·23	+0·76	+1·31	+1·83	**+2·16**	+1·90	+1·86	+1·48	+0·87	+0·24	−0·01	−0·24	−0·52	−0·68	−0·79	−0·89
Nov.	276·70	−0·85	−0·97	**−1·06**	−1·02	−0·92	−0·87	−0·86	−0·84	−0·55	−0·13	+0·64	+1·10	+1·53	**+1·65**	+1·51	+1·11	+0·66	+0·42	+0·37	+0·08	−0·01	−0·13	−0·32	−0·51
Dec.	**274·25**	−0·25	−0·13	−0·30	−0·21	−0·10	+0·02	+0·09	+0·07	+0·09	+0·17	+0·24	+0·61	**+0·80**	+0·60	+0·38	+0·02	−0·09	−0·10	−0·36	−0·28	−0·25	−0·27	−0·37	**−0·40**
Year	280·82	−1·09	−1·21	−1·30	**−1·34**	−1·30	−1·11	−0·76	−0·35	+0·12	+0·60	+1·02	+1·37	+1·61	**+1·65**	+1·59	+1·32	+1·01	+0·67	+0·28	−0·07	−0·36	−0·58	−0·80	−0·95

ABSOLUTE EXTREMES OF TEMPERATURE FOR EACH DAY.

Maximum and Minimum for the interval 0h. to 24h., Greenwich Mean Time.

44. Aberdeen : North Wall Screen on Tower : $h_t = 12{\cdot}5$ metres. **1925.**

Month	Jan.		Feb.		Mar.		April.		May.		June.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	80·9	73·9	78·9	74·0	79·4	77·4	79·2	72·6	82·2	76·3	88·4	81·4
2	78·3	73·3	82·6	77·2	78·4	74·9	78·8	72·0	83·4	**73·6**	87·6	80·9
3	76·4	74·0	82·6	76·3	79·0	75·3	77·6	**70·9**	86·1	79·0	89·3	**79·6**
4	77·3	71·6	80·1	75·1	81·6	76·0	81·1	75·5	81·4	79·5	95·7	85·4
5	76·4	72·2	82·3	74·7	82·9	78·4	79·7	77·5	81·7	79·7	91·9	84·7
6	77·5	73·7	77·6	72·9	81·6	78·7	80·5	79·0	83·3	78·9	87·4	81·5
7	81·5	77·3	76·9	**71·0**	79·7	73·6	80·1	77·9	81·5	79·5	87·0	80·2
8	79·5	77·6	**82·8**	75·8	75·9	70·8	79·6	76·6	83·0	79·9	84·6	81·6
9	80·8	75·8	79·2	74·6	76·0	70·7	79·6	77·6	81·2	80·5	91·3	81·7
10	81·4	75·0	81·2	74·9	77·7	72·4	84·0	78·7	83·0	79·4	**96·2**	85·1
11	81·4	78·3	78·7	75·9	77·0	72·4	81·9	78·1	86·8	79·6	88·6	84·6
12	79·3	77·1	77·9	74·1	**77·4**	**70·0**	84·4	78·0	87·4	80·6	88·7	84·3
13	81·6	77·4	78·2	72·5	79·5	74·4	84·4	77·5	86·9	79·4	91·2	83·8
14	**84·0**	78·4	78·8	73·3	80·9	77·5	84·3	76·0	85·0	80·4	90·0	82·4
15	79·9	76·6	78·9	75·1	**84·5**	77·6	83·3	75·3	83·6	80·2	95·7	84·1
16	80·6	76·6	79·5	76·5	84·0	78·0	83·1	75·6	88·6	81·2	90·3	83·5
17	82·5	76·0	79·4	77·5	81·1	74·6	**84·8**	78·3	89·1	80·8	87·8	81·3
18	83·7	77·4	78·4	74·1	82·9	75·9	79·4	77·4	86·3	82·0	85·8	80·7
19	79·9	72·8	79·6	74·2	83·5	77·6	81·0	75·8	84·7	82·3	89·0	80·5
20	80·0	78·8	78·2	72·6	78·7	72·8	83·7	74·6	85·3	82·5	87·9	81·6
21	79·0	78·2	77·0	74·8	75·0	71·4	83·3	74·3	**90·0**	82·3	85·0	80·2
22	78·5	76·8	77·1	72·6	77·5	71·0	83·0	79·6	82·6	80·9	85·6	81·0
23	78·1	76·4	79·1	76·0	80·5	74·7	83·7	76·4	82·8	80·8	85·5	81·5
24	78·7	71·4	78·2	75·4	80·1	74·9	83·5	74·9	83·4	80·7	86·4	81·5
25	79·2	**71·3**	78·9	76·4	79·8	74·9	83·7	77·5	82·5	71·0	86·4	81·2
26	79·2	77·6	79·2	75·6	77·6	72·9	82·1	77·9	84·3	80·2	86·1	81·3
27	78·6	76·6	79·6	77·3	82·6	71·6	81·1	77·7	88·4	82·0	86·3	80·5
28	77·8	77·0	79·0	77·2	80·0	74·1	81·6	74·4	86·2	81·6	88·8	79·8
29	80·2	74·7	—	—	83·1	79·0	79·1	73·3	89·4	81·4	89·4	82·9
30	**84·0**	75·1	—	—	83·7	76·6	80·8	77·2	87·8	81·5	93·0	84·7
31	83·4	75·2	—	—	78·3	73·6	—	—	88·4	81·5	—	—
Mean	80·0	75·6	79·3	74·9	80·0	74·6	81·7	76·3	85·0	80·3	88·9	82·1

Month	July.		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	88·4	84·1	86·9	82·4	87·8	82·0	89·0	80·8	84·2	81·5	75·6	72·7
2	88·1	83·6	89·2	82·0	86·6	81·5	88·1	82·1	84·6	81·6	75·8	72·5
3	88·1	83·5	87·6	81·1	84·5	79·6	89·4	82·3	83·0	78·5	76·1	74·5
4	90·2	84·7	87·8	84·0	83·3	**77·4**	86·3	78·6	**84·9**	77·0	76·3	73·3
5	91·1	84·3	88·0	84·9	84·5	79·8	89·3	83·9	82·3	76·2	76·3	72·6
6	88·3	85·0	92·2	84·7	84·4	81·1	**90·2**	82·7	79·5	76·4	76·4	70·8
7	90·8	84·1	90·0	82·5	86·2	80·5	82·7	77·2	80·0	75·5	79·7	75·4
8	90·0	**82·6**	92·2	83·9	85·2	80·0	83·9	76·5	76·6	73·5	**82·2**	76·6
9	89·4	83·5	93·2	86·0	83·1	79·9	86·5	77·1	75·6	72·4	79·1	75·5
10	91·6	85·0	93·0	83·8	86·5	79·1	86·6	77·2	76·3	72·2	78·7	76·4
11	**97·4**	86·2	90·7	82·5	85·5	79·7	85·9	81·0	77·2	72·2	77·6	75·4
12	96·7	85·8	91·8	85·3	85·0	79·2	81·0	76·4	78·1	72·6	77·8	72·7
13	87·9	84·7	92·1	85·5	87·6	79·4	78·0	74·3	77·4	72·4	73·6	71·1
14	92·0	84·2	88·5	81·6	90·1	83·2	80·9	75·2	77·6	**70·5**	74·3	70·9
15	91·0	85·1	91·1	81·4	88·3	85·0	79·8	74·0	77·8	74·4	76·4	71·4
16	92·2	85·0	89·7	83·3	87·9	80·7	79·7	73·5	80·5	73·5	79·6	74·9
17	90·6	85·4	92·2	83·2	85·0	78·0	85·6	74·2	78·0	71·1	81·5	73·8
18	90·6	86·2	87·2	84·1	88·1	81·4	82·5	74·5	79·7	74·7	73·9	69·4
19	89·7	84·5	86·7	84·1	86·7	82·1	81·3	**73·2**	77·1	70·6	71·5	**66·5**
20	89·1	82·8	90·0	85·2	86·9	80·2	82·6	80·5	81·1	75·4	75·9	69·4
21	93·7	85·7	87·5	86·4	85·7	78·2	87·4	80·7	79·8	75·1	75·1	70·4
22	91·6	85·0	88·2	85·7	85·4	78·2	85·8	83·6	80·8	75·9	72·6	67·6
23	90·5	86·6	88·1	86·1	85·9	81·4	85·6	82·3	78·4	75·0	75·2	69·3
24	87·5	85·2	88·4	84·7	83·9	80·3	86·5	81·5	79·6	74·4	73·9	71·0
25	89·8	85·8	88·8	80·7	84·6	78·2	86·4	81·2	75·9	72·4	72·8	67·4
26	90·3	85·7	88·6	**78·6**	82·9	79·6	84·6	80·8	78·0	72·0	75·4	67·5
27	89·1	84·0	91·6	83·8	85·2	79·6	84·5	81·6	76·2	72·6	78·4	75·0
28	90·3	83·1	90·5	81·7	**91·2**	81·4	84·4	79·4	75·8	72·2	79·0	75·6
29	90·6	85·2	90·1	85·5	87·6	83·1	84·6	81·3	74·7	72·4	81·2	77·2
30	90·3	84·5	88·0	84·3	88·4	82·4	84·8	83·1	78·7	74·0	78·6	76·1
31	88·1	84·1	**94·7**	84·0	—	—	86·7	83·0	—	—	78·5	73·4
Mean	90·5	84·7	89·8	83·6	86·1	80·4	84·9	79·2	79·0	74·3	76·7	72·5

—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

† Interpolated value.

Percentages at exact hours Greenwich Mean Time. Determined as explained on page 14.

45. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) = 12·5 metres. **January, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	84	85	85	84	86	76	86	87	84	81	81	81	92	92	91	88	88	94	84	80	75	74	78	85	84·1	6·7
2	81	85	71	61	75	72	71	71	73	76	82	81	92	98	95	98	97	94	91	93	92	86	85	89	83·6	6·1
3	86	89	88	89	90	89	82	80	79	79	76	80	84	82	84	75	73	75	73	78	76	78	78	75	81·0	5·8
4	76	83	84	85	86	88	89	88	90	83	77	70	66	71	73	75	77	76	77	7	80	81	81	84	79·7	**5·8**
5	83	83	84	89	90	91	93	90	85	79	73	70	78	78	78	79	79	79	82	81	78	77	78	84	81·7	5·5
6	86	89	86	89	88	88	82	82	81	81	77	77	72	70	68	70	73	76	79	85	88	90	87	82	81·1	5·7
7	79	87	81	80	81	76	77	77	79	75	72	73	72	68	71	73	77	78	75	76	74	79	84	86	77·0	7·4
8	88	88	82	81	81	79	80	80	80	87	86	86	90	93	91	85	88	86	90	92	93	93	94	94	86·8	7·9
9	83	82	86	76	81	77	77	77	76	76	75	70	66	68	69	72	70	70	70	71	74	77	78	80	75·3	6·4
10	84	82	83	83	76	74	80	81	87	80	80	79	77	84	85	84	86	86	86	84	84	81	80	79	81·9	7·6
11	87	84	76	76	74	79	79	87	85	84	89	83	82	82	79	82	80	82	74	78	78	83	82	83	81·1	7·6
12	84	85	84	85	88	89	87	84	84	86	86	87	86	85	87	88	87	87	85	85	86	84	86	86	85·8	7·8
13	84	86	84	87	87	85	88	84	87	87	88	89	86	83	86	87	89	88	88	88	88	86	85	84	86·5	8·5
14	83	86	88	89	86	85	84	78	65	60	62	65	63	65	65	66	68	72	76	75	75	74	79	76	74·5	7·7
15	81	81	80	78	78	80	73	74	75	72	74	65	66	64	65	66	73	76	74	75	78	84	84	83	74·8	6·6
16	72	72	68	71	71	62	63	71	69	78	75	74	74	74	74	77	74	74	77	76	76	76	76	76	73·1	6·7
17	79	80	84	86	84	83	84	87	90	89	91	94	96	93	93	86	89	88	87	89	90	87	89	87	87·5	8·1
18	89	88	89	89	90	92	89	89	88	85	82	75	73	75	78	81	84	84	79	73	74	78	79	79	82·7	**9·3**
19	76	83	87	85	88	87	90	92	92	92	92	86	89	87	86	86	90	92	89	86	89	90	94	95	88·1	7·0
20	97	97	95	93	92	92	93	91	91	91	91	91	89	89	87	87	89	90	90	91	92	93	93	94	91·6	8·9
21	93	91	91	91	91	91	90	91	88	87	88	88	87	88	88	88	88	87	88	87	84	84	86	86	88·5	8·1
22	86	87	87	85	85	88	90	89	87	87	86	84	86	86	86	87	86	86	85	85	87	90	90	91	86·8	**7·5**
23	88	88	87	87	89	88	91	91	91	91	92	92	95	94	93	95	95	97	95	94	92	93	94	94	91·9	7·7
24	94	95	95	97	94	97	98	98	98	100	98	100	99	100	97	96	98	98	97	97	97	97	97	97	**97·2**	7·0
25	97	97	97	97	97	98	98	98	96	98	96	97	91	77	77	79	83	85	83	82	85	82	78	76	89·8	6·8
26	79	78	77	86	83	89	87	88	76	81	83	80	83	81	76	78	84	83	83	82	82	83	87	87	82·1	7·4
27	89	87	87	81	74	73	76	80	75	80	79	65	75	77	85	73	74	73	72	70	71	70	73	76	76·7	6·5
28	76	78	77	71	78	74	78	76	72	77	80	81	80	84	85	87	87	85	88	89	91	91	89	92	81·6	6·8
29	92	88	92	86	84	87	81	88	87	90	90	83	64	59	68	70	78	74	74	72	72	72	80	76	79·7	6·4
30	73	75	70	69	66	75	68	76	71	72	68	72	72	83	84	88	91	90	83	88	82	78	75	68	76·7	7·0
31	56	62	59	65	64	64	70	72	72	67	68	64	63	63	64	64	71	74	76	77	73	81	75	65	**67·9**	6·1
Mean	83·4	**84·5**	83·4	82·9	83·1	82·8	83·0	83·8	82·4	82·3	81·8	**80·1**	80·3	80·4	80·9	81·0	82·8	83·2	82·2	82·5	82·5	83·0	83·7	83·5	82·5	†7·1
Vapour Pressure* ..	mb. 7·0	mb. 7·0	mb. 6·9	mb. 6·9	mb. 6·9	mb. 6·8	mb. 6·8	mb. 6·9	mb. **6·7**	mb. 6·9	mb. 7·0	mb. 7·1	mb. 7·2	mb. **7·3**	mb. 7·2	mb. 7·2	mb. 7·2	mb. 7·2	mb. 7·1	mb. 7·1	mb. 7·1	mb. 7·1	mb. 7·1	mb. 7·0	mb. ‡7·0	

46. Aberdeen : North Wall Screen on Tower : $h_t = 12{\cdot}5$ metres. **February, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	68	67	66	68	71	77	75	71	72	69	67	71	65	66	68	70	72	71	75	75	77	77	75	74	70·9	5·6
2	77	81	81	85	88	87	85	82	83	83	81	81	87	61	61	69	60	67	72	66	63	73	75	77	76·0	7·3
3	74	77	79	84	87	87	88	88	87	87	85	78	78	80	71	70	66	73	65	68	77	75	74	70	78·0	7·1
4	71	70	68	72	67	68	71	70	69	73	75	71	70	73	75	78	83	80	81	78	71	82	81	84	74·3	6·1
5	79	78	79	74	75	79	72	67	62	67	60	56	57	57	55	59	62	66	68	67	68	73	72	72	**67·9**	6·4
6	77	82	83	83	78	82	81	83	86	82	78	75	68	71	73	73	80	83	84	93	93	93	90	85	81·2	5·6
7	83	82	83	87	91	92	93	93	94	88	79	73	67	64	64	65	67	70	72	72	76	78	75	87	78·9	**5·5**
8	89	87	90	88	88	92	92	93	91	82	75	72	75	66	73	81	88	97	88	69	69	70	74	77	82·1	7·4
9	74	69	68	62	67	73	71	69	67	64	69	67	67	62	67	69	72	73	72	72	74	76	79	82	70·1	5·7
10	81	83	80	79	80	76	77	82	81	83	83	83	81	83	59	59	65	69	70	76	74	70	72	71	75·9	6·7
11	72	77	73	78	82	82	77	76	72	73	70	69	69	73	74	77	76	81	81	82	83	85	82	82	76·7	6·2
12	84	88	84	85	85	83	79	79	80	75	71	67	74	79	73	85	81	76	80	81	81	85	84	85	80·1	5·8
13	85	88	88	88	89	91	92	93	81	74	80	84	90	92	91	87	89	90	82	83	81	88	88	92	86·8	6·4
14	92	92	92	93	95	95	91	95	95	94	95	98	95	98	93	94	92	96	91	87	91	89	95	94	**93·4**	7·3
15	93	95	97	98	95	95	95	92	92	91	87	86	91	91	89	88	84	86	83	86	86	88	86	84	90·1	7·5
16	88	90	90	88	87	84	87	87	84	83	84	86	85	85	86	86	91	83	89	91	92	91	92	90	87·3	7·8
17	90	90	88	91	92	89	92	92	90	87	86	85	90	90	89	90	86	89	91	88	92	89	92	91	89·5	7·9
18	91	90	92	88	85	91	89	88	91	86	90	92	94	90	85	83	82	82	83	81	83	85	85	89	87·3	6·9
19	89	89	88	89	92	93	91	91	93	90	87	84	81	82	84	92	88	89	90	93	93	92	93	93	89·3	6·8
20	93	91	93	94	91	90	92	92	92	83	79	69	68	71	71	70	71	73	77	78	78	79	81	81	81·8	6·1
21	82	83	80	82	82	83	83	79	72	72	74	73	74	78	79	82	83	89	95	93	95	93	92	94	82·7	6·3
22	94	89	86	87	89	91	93	95	95	85	72	69	73	77	77	74	77	77	78	75	73	72	75	76	81·6	5·9
23	75	72	68	68	66	70	71	71	72	72	68	69	71	71	69	77	80	78	88	87	81	88	85	90	75·0	6·3
24	92	92	88	88	87	85	85	95	90	82	81	76	81	80	79	79	82	80	72	74	73	76	88	78	82·9	6·9
25	77	82	81	87	85	85	87	92	92	91	94	92	87	84	87	83	83	80	82	81	80	80	79	79	84·6	7·2
26	90	90	85	87	89	87	88	86	87	90	88	94	93	97	91	87	88	90	86	95	93	90	90	94	89·5	7·8
27	94	95	93	94	94	93	92	92	87	87	88	84	87	88	88	97	94	91	90	94	93	94	89	91	91·3	**8·3**
28	91	94	91	88	92	91	94	88	91	88	87	87	90	87	91	94	93	93	90	90	92	90	88	88	90·4	8·0
Mean	83·7	84·4	83·4	84·1	84·6	**85·4**	85·1	85·0	83·9	81·5	79·7	78·3	78·9	78·4	**77·2**	79·2	79·8	81·1	81·3	81·3	81·9	82·9	83·3	83·9	82·0	†6·7
Vapour Pressure* ..	mb. 6·4	mb. 6·5	mb. **6·4**	mb. 6·5	mb. 6·6	mb. 6·6	mb. 6·6	mb. 6·6	mb. 6·7	mb. 6·8	mb. 6·8	mb. 6·9	mb. 7·1	mb. **7·1**	mb. 7·0	mb. 7·0	mb. 6·8	mb. 6·8	mb. 6·7	mb. 6·7	mb. 6·6	mb. 6·6	mb. 6·6	mb. 6·6	mb. ‡6·7	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

47. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) = 12·5 metres. **March, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	90	90	91	89	91	88	82	85	87	89	86	88	83	83	84	82	87	87	86	88	79	79	80	78	85·7	7·6
2	83	84	79	80	83	80	84	80	90	86	81	80	84	74	78	77	79	75	81	88	87	92	88	85	82·3	6·4
3	83	84	83	83	80	81	81	84	84	71	68	70	68	68	69	69	73	79	88	85	86	86	83	78	78·6	6·4
4	78	78	76	77	77	78	80	79	78	80	76	74	74	75	72	77	78	82	82	85	85	87	83	86	78·9	7·3
5	81	76	77	78	75	75	72	72	69	60	62	64	66	71	69	68	72	73	72	70	72	74	82	79	72·2	7·6
6	67	67	68	65	69	65	68	68	68	66	68	73	73	67	60	70	66	71	72	75	67	67	70	72	**68·6**	6·9
7	70	67	72	73	75	72	73	73	70	70	75	61	68	54	55	58	64	68	72	72	85	87	84	80	70·6	5·8
8	78	77	80	80	79	80	86	74	70	59	61	59	65	70	66	76	79	81	78	83	84	82	80	83	75·4	4·7
9	83	83	83	81	83	83	83	81	81	78	77	75	77	75	74	74	76	78	78	79	80	80	79	83	79·3	5·0
10	80	76	75	74	77	78	79	80	78	73	65	62	62	66	66	68	77	84	91	91	91	91	91	92	77·6	5·4
11	96	94	96	92	91	90	88	87	85	81	79	84	79	79	82	72	69	71	82	89	84	90	91	80	84·9	5·8
12	76	74	73	70	68	70	76	79	81	79	72	64	63	62	61	60	57	58	61	64	66	68	69	72	68·5	**4·6**
13	71	71	72	76	79	78	87	87	86	85	79	79	79	78	76	75	77	83	82	80	78	80	80	81	78·9	6·5
14	82	84	85	84	89	87	86	83	82	81	87	87	85	85	85	84	84	88	89	94	94	92	93	93	86·5	8·1
15	94	93	94	94	97	97	97	96	96	93	89	96	96	93	90	78	76	86	83	87	86	87	86	75	**90·3**	**9·3**
16	80	77	78	80	77	72	77	76	75	74	80	81	75	71	64	69	66	71	70	71	87	93	91	94	76·6	8·2
17	89	92	93	93	97	93	95	95	90	81	86	79	85	85	86	88	89	93	94	93	93	93	89	87	90·1	8·2
18	86	88	90	89	88	88	87	89	85	75	72	85	84	76	76	66	70	75	74	75	78	77	79	78	80·6	8·2
19	79	77	78	78	77	78	77	78	76	72	69	76	84	85	78	71	73	73	78	76	76	75	74	75	76·4	7·8
20	77	76	72	72	75	76	75	72	71	69	68	65	66	74	63	81	85	84	76	82	84	85	84	81	75·4	5·7
21	84	81	81	88	87	87	83	83	75	73	77	63	70	74	75	84	91	90	89	87	86	86	82	76	81·4	5·0
22	72	70	70	71	71	73	75	77	75	73	69	62	67	66	64	63	63	69	70	69	69	68	67	68	69·4	4·8
23	69	71	72	72	74	74	78	78	79	91	76	72	76	63	62	72	72	81	73	72	75	73	72	74	73·7	6·1
24	77	72	82	77	77	76	72	68	66	63	65	64	64	88	86	64	66	74	80	77	78	79	82	92	74·2	6·1
25	93	92	89	89	95	89	84	88	87	81	81	78	74	71	74	76	76	85	85	88	87	90	86	87	84·5	6·9
26	91	90	87	89	95	95	91	91	82	83	70	73	66	66	63	64	66	67	67	71	77	84	87	90	79·3	5·9
27	91	93	94	94	95	95	95	95	86	70	67	69	69	72	69	81	73	73	83	84	78	76	79	75	81·8	6·5
28	70	71	69	75	79	77	77	75	70	59	60	59	58	58	60	61	65	72	73	74	76	75	72	73	69·1	5·7
29	74	75	77	80	91	94	85	78	75	68	78	67	63	63	62	62	61	59	63	69	68	68	77	75	72·1	7·8
30	79	84	76	77	75	82	82	77	71	68	66	67	68	65	63	63	66	72	68	79	78	91	91	89	74·6	7·7
31	85	84	84	80	80	83	83	83	82	83	80	80	74	78	86	91	92	94	96	98	96	96	96	95	86·5	6·7
Mean	80·9	80·4	80·5	80·6	82·1	81·7	81·9	81·0	79·0	75·3	73·8	72·8	73·1	72·7	**71·5**	72·4	73·8	77·3	78·6	80·5	81·0	**82·3**	82·2	81·5	78·2	†6·6
Vapour Pressure* ..	mb. 6·3	mb. 6·2	mb. 6·2	mb. 6·2	mb. 6·2	mb. **6·1**	mb. 6·2	mb. 6·3	mb. 6·5	mb. 6·5	mb. 6·6	mb. 6·7	mb. 6·8	mb. **6·9**	mb. 6·8	mb. 6·8	mb. 6·7	mb. 6·8	mb. 6·7	mb. 6·7	mb. 6·6	mb. 6·5	mb. 6·5	mb. 6·4	mb. ‡6·5	

48. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **April, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	88	85	84	83	83	83	83	80	76	71	64	62	59	59	63	66	67	70	75	77	78	80	80	81	75·2	5·7
2	81	80	79	80	79	83	89	80	78	81	79	74	59	59	60	60	59	62	64	65	68	78	88	93	73·8	5·9
3	93	92	89	89	88	88	86	82	75	64	61	56	56	58	62	63	66	71	73	74	80	80	85	84	75·8	**5·2**
4	83	81	81	78	80	82	72	68	71	71	70	69	68	65	67	72	72	75	77	77	76	78	80	80	74·8	6·3
5	80	81	81	81	81	83	83	84	84	86	83	85	92	89	89	89	89	91	93	92	93	94	93	94	86·8	8·0
6	96	97	97	99	99	99	97	99	98	97	96	96	96	94	94	94	93	92	95	95	94	94	96	97	95·9	9·4
7	97	98	98	99	99	100	100	100	100	100	99	99	99	100	100	99	99	99	99	99	99	100	100	100	**99·2**	9·3
8	99	99	100	99	99	99	99	100	97	98	97	94	97	95	94	96	97	99	97	99	100	98	98	98	97·9	8·7
9	100	100	100	99	100	100	100	100	100	100	100	100	99	97	97	99	99	100	97	98	98	97	97	98	99·0	9·0
10	97	97	99	97	97	98	97	94	92	88	85	81	87	85	88	92	92	93	95	96	96	96	96	96	93·1	**9·5**
11	97	97	97	97	99	99	98	97	90	89	89	88	89	90	92	93	95	97	97	97	97	98	97	95	94·8	9·1
12	98	97	97	98	96	94	92	89	83	83	86	86	83	76	68	71	69	69	69	71	73	77	82	93	83·4	8·7
13	97	96	96	97	95	91	90	85	84	84	86	86	82	78	55	52	56	64	72	77	80	79	72	75	80·7	8·1
14	76	72	75	77	81	80	72	63	58	58	55	52	53	64	57	55	67	71	72	76	77	80	81	82	68·8	6·9
15	89	93	91	86	85	83	82	80	73	63	62	60	56	54	53	56	54	55	60	67	69	73	78	80	71·0	7·0
16	84	86	85	82	82	82	78	77	74	69	72	74	68	69	66	67	70	82	83	81	86	87	87	89	78·1	7·7
17	93	82	78	78	76	75	74	73	68	60	60	56	59	55	58	58	69	68	80	81	82	89	93	92	73·1	7·7
18	94	94	91	92	92	92	89	94	91	88	83	83	81	78	72	69	68	71	73	83	84	84	80	76	83·7	7·5
19	84	81	82	85	86	85	76	76	79	64	64	64	60	61	62	73	72	72	75	79	82	81	81	85	75·2	6·7
20	85	85	87	89	85	88	85	78	69	65	66	67	64	62	57	53	58	58	65	69	72	77	83	84	73·0	6·9
21	85	82	85	85	83	75	72	70	72	76	72	71	66	66	66	69	70	75	76	81	77	64	63	69	74·1	7·3
22	77	81	84	85	87	83	78	71	74	72	67	76	79	82	85	89	92	94	94	91	88	88	75	73	81·8	8·7
23	72	71	71	73	65	63	65	63	58	54	52	49	49	50	48	60	54	55	61	67	68	69	73	72	**61·8**	6·2
24	71	71	68	73	77	72	68	66	65	65	56	62	61	61	57	53	62	59	65	75	66	70	71	71	66·1	6·3
25	70	69	70	68	72	69	67	62	58	56	56	57	57	58	63	70	66	67	70	69	75	77	77	75	66·5	6·7
26	75	76	76	76	79	79	84	82	83	78	85	77	82	72	74	80	81	83	83	87	87	90	90	91	80·9	7·8
27	90	90	93	93	88	83	81	80	79	77	80	80	84	79	80	84	80	81	73	74	75	71	69	75	81·1	8·0
28	79	78	82	83	85	81	81	75	70	68	69	66	67	62	63	91	93	88	89	82	82	79	76	82	77·8	6·7
29	82	82	83	82	82	80	80	71	71	67	70	76	78	76	78	84	84	87	83	82	79	84	83	90	79·6	6·5
30	87	84	87	87	92	92	88	86	86	85	79	80	76	80	79	80	77	78	84	88	84	81	86	79	83·8	7·7
Mean	**86·6**	85·9	86·2	86·3	86·4	85·4	83·5	80·8	78·5	75·9	74·8	74·2	73·5	72·5	**71·6**	74·6	75·7	77·5	79·6	81·6	82·2	83·1	83·7	85·0	80·2	†7·5
Vapour Pressure* ..	mb. 7·4	mb. 7·3	mb. 7·2	mb. 7·1	mb. **7·1**	mb. 7·1	mb. 7·3	mb. 7·4	mb. 7·5	mb. 7·5	mb. 7·6	mb. 7·7	mb. **7·8**	mb. 7·8	mb. 7·7	mb. 7·7	mb. 7·7	mb. 7·6	mb. 7·5	mb. 7·5	mb. 7·5	mb. 7·5	mb. 7·4	mb. 7·4	mb. ‡7·5	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

49. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) = 12·5 metres. **May, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure*.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	81	84	81	78	78	78	71	65	68	63	59	57	56	52	53	56	56	57	59	71	78	81	82	84	68·6	**6·6**
2	84	83	84	88	89	85	83	74	75	76	73	77	78	65	72	76	79	84	88	88	89	86	84	84	81·0	7·9
3	83	82	85	83	81	84	76	70	67	67	68	80	72	76	72	75	75	78	80	84	84	85	85	86	78·2	9·1
4	88	85	86	89	87	87	92	92	92	94	96	95	100	97	98	98	100	100	100	99	99	99	100	100	94·4	9·8
5	100	100	100	100	99	99	100	100	100	100	99	97	96	95	95	97	95	93	93	94	94	94	93	93	97·1	10·1
6	93	93	92	94	95	97	98	97	96	94	96	96	85	80	75	81	81	86	86	90	93	96	93	94	90·9	9·5
7	94	95	94	94	95	95	94	94	92	91	89	89	89	89	89	89	93	94	94	90	90	91	93	94	92·1	9·5
8	97	94	93	94	94	94	96	85	89	93	92	91	87	82	87	87	87	89	92	96	96	97	96	96	91·8	9·8
9	96	96	96	96	96	96	97	98	100	99	99	99	100	100	100	100	100	100	100	100	100	100	100	100	**98·6**	10·4
10	100	100	100	100	100	99	96	95	92	95	96	91	92	92	93	90	92	93	94	95	97	94	96	97	95·4	10·0
11	95	99	97	95	97	93	89	85	89	87	88	90	90	84	83	90	84	58	59	68	76	72	81	79	84·9	9·8
12	80	83	84	83	82	82	73	70	63	63	63	64	72	73	76	75	76	86	87	88	93	93	92	92	78·6	9·8
13	88	89	74	74	68	71	65	60	58	56	61	58	59	63	62	67	72	72	72	69	70	80	82	81	69·9	8·9
14	83	85	85	82	85	85	82	72	68	64	86	82	89	88	83	76	73	73	81	87	90	90	92	93	82·0	9·6
15	94	89	83	83	83	83	84	82	83	87	86	88	85	84	80	85	85	89	89	90	90	90	90	89	86·4	9·7
16	89	90	92	92	96	96	96	93	87	83	78	76	72	74	85	91	91	95	95	96	97	97	97	97	89·6	11·0
17	96	97	96	97	96	93	86	81	81	75	70	71	68	74	73	81	82	86	84	87	89	91	88	89	84·4	11·2
18	89	89	90	91	95	96	96	93	92	91	95	93	91	84	91	92	92	93	94	94	94	95	95	95	92·4	11·3
19	93	96	95	95	95	92	89	88	86	87	89	86	86	87	86	86	86	86	87	90	92	92	93	94	89·9	11·4
20	93	93	93	91	92	93	91	89	88	90	88	89	89	89	88	89	90	89	91	92	93	90	93	93	90·7	**11·7**
21	88	88	87	90	85	81	84	82	82	80	74	80	74	70	59	61	56	61	61	79	87	86	86	86	77·9	11·2
22	84	84	85	84	86	83	82	78	78	80	79	77	77	78	77	78	80	81	82	84	82	85	84	85	81·4	9·2
23	85	86	89	89	88	88	87	87	86	83	82	82	81	82	83	85	88	88	84	86	84	84	80	84	85·1	9·5
24	86	83	83	83	82	82	94	85	84	83	84	82	83	84	84	84	85	87	88	89	92	93	96	96	86·1	9·7
25	96	96	96	97	99	97	96	96	97	95	95	96	97	97	99	99	97	97	97	96	95	95	93	90	96·3	10·8
26	91	91	91	88	83	82	78	72	68	67	75	79	74	73	73	77	78	81	88	88	93	94	94	96	82·1	9·6
27	95	95	95	95	95	97	97	97	97	96	95	95	93	89	70	60	55	51	53	62	77	79	81	81	83·6	10·8
28	81	83	84	87	88	85	84	87	80	84	73	76	74	74	77	68	68	71	76	74	79	79	83	88	79·1	10·0
29	81	83	87	84	83	87	87	88	86	79	66	67	61	55	52	61	69	72	83	83	81	87	92	90	77·6	10·3
30	90	91	92	76	75	78	72	69	62	46	60	61	61	60	58	60	58	60	61	59	58	55	55	56	66·3	8·8
31	55	56	55	53	55	55	54	58	59	56	56	55	53	52	51	51	56	52	63	73	76	76	75	75	**58·8**	8·1
Mean ..	88·6	**89·0**	88·5	87·9	87·8	87·5	86·1	83·3	82·1	80·8	81·0	81·3	80·1	78·5	**78·2**	79·5	80·0	80·7	82·6	85·2	87·4	87·9	88·5	88·9	84·2	†9·8
Vapour Pressure* ..	mb. 9·5	mb. 9·5	mb. 9·4	mb. **9·3**	mb. 9·4	mb. 9·6	mb. 9·8	mb. 9·9	mb. 10·0	mb. 10·0	mb. 10·2	mb. **10·3**	mb. 10·2	mb. 10·2	mb. 10·1	mb. 10·1	mb. 10·1	mb. 10·0	mb. 9·9	mb. 9·8	mb. 9·8	mb. 9·7	mb. 9·7	mb. 9·7	mb ‡9·8	

50. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **June, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure*.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	76	81	81	84	86	87	80	66	62	59	59	57	56	56	56	57	57	64	60	61	65	68	73	72	67·7	9·2
2	74	79	77	78	75	69	63	58	54	58	54	64	59	74	80	76	83	85	87	78	80	86	79	73	72·6	9·3
3	80	79	81	79	80	75	72	72	79	87	86	85	84	75	74	67	68	66	69	69	75	74	81	81	76·4	10·3
4	82	83	85	86	82	81	73	73	66	68	63	63	63	54	55	52	57	60	64	66	71	76	78	76	70·0	13·6
5	72	78	67	64	56	49	52	51	56	60	56	55	54	47	43	49	57	68	68	74	74	77	84	88	**62·2**	10·9
6	92	92	95	96	91	90	91	92	93	90	80	86	81	81	76	76	76	81	81	80	87	87	88	90	86·3	11·8
7	91	90	92	94	96	91	77	78	80	81	82	81	82	81	79	72	76	78	76	81	86	88	93	93	84·0	11·1
8	92	93	94	93	94	95	94	95	95	96	98	92	93	94	92	92	92	95	97	96	96	96	99	97	**94·5**	11·5
9	97	99	97	97	97	97	96	91	86	85	81	79	79	70	75	76	68	57	58	61	63	63	70	70	80·2	11·8
10	75	73	80	84	82	80	73	67	66	56	75	71	76	82	82	86	87	89	89	90	86	83	82	82	78·7	13·9
11	81	81	81	82	83	76	78	81	82	81	86	84	86	84	82	77	73	74	75	79	79	76	70	74	79·5	11·9
12	73	77	79	77	78	72	72	67	68	68	67	62	61	59	61	62	55	56	63	69	74	72	75	67	68·2	10·3
13	67	71	73	79	76	71	71	61	63	49	54	67	76	70	62	61	63	66	68	73	77	76	77	72	68·4	11·2
14	75	74	76	74	72	66	68	63	63	59	57	56	55	54	52	68	73	71	73	76	79	82	81	80	68·5	9·8
15	77	77	78	82	82	83	79	76	75	66	63	75	62	59	58	64	83	87	88	90	88	88	89	88	77·2	**13·9**
16	78	70	67	70	68	65	60	62	58	53	58	58	55	51	55	65	69	72	63	62	63	66	65	67	63·8	10·4
17	81	85	88	83	78	76	69	65	61	66	56	52	49	47	49	49	48	53	62	58	63	65	65	69	64·0	8·4
18	69	68	63	66	72	68	65	76	64	67	64	64	63	61	65	62	63	63	65	67	74	77	79	79	67·5	**8·3**
19	78	75	70	68	66	64	60	55	49	51	50	52	55	57	59	62	65	68	62	78	79	88	87	85	65·8	9·5
20	83	85	87	90	83	80	78	74	73	76	74	71	59	57	56	55	54	52	53	55	64	67	67	65	69·5	9·9
21	69	71	75	79	77	72	76	68	72	70	71	73	68	62	66	70	79	73	70	73	82	85	85	89	73·5	8·5
22	92	86	89	87	89	86	84	82	82	83	83	81	80	79	79	78	75	82	85	86	87	88	87	89	84·1	10·3
23	86	83	83	89	91	89	86	88	86	83	80	79	76	71	69	78	83	79	82	81	83	85	87	90	82·8	10·1
24	84	82	82	81	82	77	77	76	80	76	74	71	72	70	70	69	66	70	73	81	81	82	80	78	76·7	9·5
25	81	80	78	79	78	83	86	80	77	75	77	87	79	78	68	68	73	76	77	80	82	84	84	81	78·7	10·1
26	81	83	86	82	81	81	81	83	82	79	76	81	70	70	69	69	72	72	82	78	81	91	88	78	79·1	10·3
27	78	76	78	76	86	92	85	81	78	80	79	73	72	71	68	70	67	74	78	80	83	84	85	87	78·2	9·3
28	87	86	89	89	91	85	85	82	73	75	72	71	72	72	70	72	71	73	75	77	85	86	85	88	79·6	11·0
29	92	90	91	92	91	91	89	87	82	80	80	80	78	81	81	84	86	85	87	88	88	91	92	87	86·4	12·4
30	89	89	88	89	87	88	84	80	74	70	68	64	64	64	75	61	62	73	76	78	79	79	87	90	77·4	13·3
Mean ..	81·1	81·2	81·7	**82·3**	81·7	79·3	76·8	74·3	72·6	71·6	70·8	71·1	69·3	67·7	**67·5**	68·2	70·0	72·1	73·5	75·5	78·5	80·3	81·4	80·8	75·4	†10·7
Vapour Pressure* ..	mb. 10·1	mb. 10·0	mb. **9·9**	mb. 10·0	mb. 10·2	mb. 10·3	mb. 10·5	mb. 10·6	mb. 10·8	mb. 10·9	mb. 11·0	mb. 11·2	mb. 11·1	mb. 11·1	mb. 11·0	mb. 11·1	mb. **11·2**	mb. 11·1	mb. 11·0	mb. 10·8	mb. 10·8	mb. 10·7	mb. 10·6	mb. 10·4	mb. ‡10·7	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

51. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) = 12·5 metres. **July, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	93	94	93	93	92	94	93	88	80	88	90	92	91	94	91	91	92	92	92	94	91	92	92	90	91·3	13·4
2	94	94	90	87	88	91	90	89	90	87	87	87	87	86	80	86	82	86	90	91	92	94	90	94	88·7	12·7
3	95	95	96	97	99	99	99	95	93	90	89	87	86	85	87	84	86	83	83	89	88	89	94	92	90·9	13·7
4	94	92	92	93	88	84	82	79	76	76	70	67	58	66	64	69	69	77	83	81	85	88	88	88	79·6	13·0
5	90	90	91	91	90	85	79	84	82	84	84	85	84	77	77	79	75	77	83	85	92	91	92	94	84·9	13·8
6	94	94	92	92	92	93	91	89	91	89	86	85	90	88	90	94	91	90	94	92	89	89	88	86	90·5	13·5
7	97	96	96	94	95	92	89	86	86	74	64	61	57	61	57	55	61	80	77	79	73	63	64	64	76·3	12·1
8	66	72	76	73	70	62	61	56	56	54	53	52	56	51	49	48	52	54	59	62	67	82	77	79	**61·6**	**9·6**
9	76	76	77	79	80	78	76	71	67	59	61	62	79	77	68	69	75	76	75	77	82	87	89	88	75·0	11·6
10	91	88	86	88	89	83	78	72	69	69	68	66	65	65	58	56	55	58	57	61	66	68	69	68	71·0	12·3
11	72	72	82	80	77	80	79	73	70	65	61	60	51	52	57	59	59	54	67	81	83	85	84	86	70·0	14·2
12	87	88	85	82	80	70	67	59	51	53	55	59	62	67	81	86	81	91	91	95	95	98	97	97	78·0	15·9
13	98	96	97	95	95	95	92	92	91	95	95	93	90	94	95	94	94	95	96	98	98	99	99	96	**95·1**	14·0
14	97	96	97	98	99	97	95	94	89	86	82	76	75	79	82	89	87	87	85	80	79	80	84	94	87·8	14·8
15	95	95	94	94	94	93	95	94	91	85	86	86	91	95	95	92	94	91	92	92	91	95	95	98	92·5	14·7
16	94	92	92	94	90	87	81	73	71	68	68	69	65	55	64	69	78	76	75	80	86	82	88	88	78·7	12·8
17	88	85	89	89	85	81	82	81	76	74	73	73	75	74	70	75	82	80	81	83	85	89	89	89	81·1	13·6
18	89	92	93	93	94	93	92	90	82	85	84	84	76	83	83	81	76	83	89	92	92	89	88	92	87·2	14·8
19	92	95	96	95	96	94	99	95	96	99	93	94	96	96	91	86	87	86	89	87	95	92	92	92	93·0	14·8
20	94	94	95	96	95	90	86	90	90	89	91	85	78	84	87	89	87	84	80	81	88	89	93	95	88·7	13·5
21	95	95	93	95	94	92	89	86	79	83	80	74	75	77	74	74	71	78	85	90	94	93	93	95	85·6	15·6
22	97	96	95	95	95	94	92	91	85	82	80	85	83	82	85	87	93	93	94	95	95	95	95	96	90·8	15·9
23	95	94	94	95	97	94	92	91	90	89	88	89	91	89	88	88	87	86	87	83	86	86	87	88	89·9	**16·1**
24	90	91	92	90	92	92	91	94	89	91	87	86	84	83	83	83	83	84	83	87	86	87	91	95	87·9	13·3
25	95	95	96	96	94	93	93	92	89	90	86	83	80	83	83	89	91	91	95	97	100	99	100	99	92·0	14·9
26	99	100	100	99	100	99	100	99	97	96	96	90	89	91	79	78	87	86	90	93	92	91	94	94	93·4	14·9
27	91	93	89	89	87	83	80	78	83	78	77	73	78	77	80	81	77	74	71	74	79	86	87	89	81·5	13·0
28	89	91	92	93	95	95	95	92	84	87	87	85	80	81	80	89	85	75	77	81	87	89	88	87	86·9	14·2
29	88	87	88	89	87	86	87	80	72	80	75	73	78	93	92	94	90	88	92	93	92	93	94	89	86·6	13·9
30	88	88	85	84	82	82	71	68	65	63	61	64	60	78	76	80	77	84	88	89	91	92	92	92	79·1	12·3
31	91	90	88	87	87	83	87	81	78	77	70	76	70	65	61	65	66	70	73	76	75	73	76	75	77·0	11·3
Mean ..	90·8	90·8	**91·0**	90·8	90·3	88·2	86·5	83·9	80·9	80·2	78·3	77·5	**76·8**	78·3	77·6	79·3	79·7	80·9	83·0	85·1	86·9	87·9	88·7	89·3	84·3	†13·7
Vapour Pressure* ..	mb. 13·3	mb. 13·2	mb. 13·1	mb. **13·0**	mb. 13·2	mb. 13·4	mb. 13·7	mb. 13·9	mb. 13·9	mb. 14·0	mb. 14·0	mb. 14·1	mb. 14·0	mb. **14·1**	mb. 14·0	mb. 14·0	mb. 14·0	mb. 13·9	mb. 13·8	mb. 13·6	mb. 13·5	mb. 13·4	mb. 13·3	mb. 13·2	mb. ‡13·7	

52. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **August, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	78	75	74	76	75	77	77	71	65	64	64	64	68	65	65	70	77	82	78	81	84	80	79	80	73·6	10·2
2	81	84	84	87	88	84	84	83	92	81	75	71	71	69	66	64	66	66	81	84	85	88	88	88	79·4	11·3
3	87	84	84	87	86	80	76	70	73	75	73	73	73	75	78	85	83	84	84	88	90	91	93	94	81·8	11·5
4	95	95	92	96	97	95	93	90	92	86	86	89	86	85	85	90	89	88	94	96	95	95	98	97	91·8	13·8
5	95	95	95	94	94	94	90	89	88	85	85	85	84	83	86	86	89	90	92	92	90	92	93	93	90·0	13·9
6	89	89	93	91	90	91	88	87	84	75	71	69	67	63	70	81	83	84	84	87	91	90	90	89	83·3	14·1
7	89	87	87	88	86	81	84	81	82	77	77	78	69	73	76	78	79	83	83	84	81	83	84	87	81·6	13·0
8	89	89	90	91	91	85	82	77	82	81	80	79	74	67	63	68	70	76	78	83	82	86	94	95	81·2	13·9
9	93	92	89	88	88	94	93	95	92	94	95	91	79	78	67	61	56	55	60	65	70	68	71	70	79·9	14·0
10	78	81	82	79	80	82	77	69	61	62	56	64	61	59	67	71	76	66	71	74	78	71	77	82	71·6	12·1
11	82	75	77	79	76	77	71	68	61	60	58	64	62	60	69	64	66	68	64	68	72	75	86	82	70·2	11·3
12	86	86	89	89	87	94	94	94	95	91	90	91	88	83	78	77	78	80	82	85	87	87	88	90	86·9	14·3
13	91	93	95	95	95	92	92	88	76	70	80	82	80	74	72	72	68	70	74	78	83	86	86	86	82·5	14·0
14	80	80	81	81	79	79	70	70	67	61	71	62	59	64	59	59	61	61	64	67	69	79	81	83	70·4	10·6
15	85	83	85	84	80	82	76	71	68	65	63	61	59	66	68	68	69	63	65	72	76	79	81	79	72·9	11·2
16	76	75	73	76	77	72	70	69	67	68	64	64	67	68	69	73	76	78	76	84	86	76	82	87	73·7	11·6
17	84	79	76	75	77	75	75	73	70	70	70	66	63	62	65	66	74	78	80	83	86	86	89	90	75·4	12·5
18	89	95	96	96	96	96	90	92	88	87	81	81	79	80	82	79	81	83	82	83	83	82	83	86	86·3	12·4
19	84	84	86	84	85	85	85	85	85	83	83	83	81	84	82	84	83	86	87	88	87	88	87	87	84·9	12·0
20	92	91	91	91	91	90	86	79	76	69	67	67	66	69	73	72	76	79	82	84	79	80	84	82	79·9	12·9
21	83	84	84	87	89	88	87	88	86	86	84	86	87	87	86	88	88	90	93	93	94	92	93	95	88·0	13·7
22	95	91	95	95	95	94	95	91	91	87	83	85	84	83	84	87	87	88	90	94	94	95	94	96	90·6	14·1
23	96	98	98	96	96	94	99	98	96	97	87	95	94	94	96	94	92	91	94	95	95	95	98	96	**95·2**	**14·9**
24	96	96	95	96	96	96	95	90	86	84	80	82	67	69	68	68	69	66	65	75	77	81	81	84	82·0	12·6
25	84	86	87	86	87	86	82	76	66	62	62	62	61	58	57	57	56	61	74	78	82	84	87	86	73·6	10·6
26	90	89	89	90	89	87	89	80	74	72	72	70	79	88	94	92	93	91	89	91	92	90	91	84	86·1	11·8
27	80	86	79	82	87	85	85	84	85	83	81	73	68	63	65	57	61	57	63	77	69	75	81	78	75·3	12·2
28	77	78	82	80	83	83	78	69	65	64	60	59	68	68	69	67	74	79	81	82	85	90	74	66	74·5	11·8
29	69	62	64	62	60	62	60	58	57	60	60	56	58	64	59	55	55	59	63	66	69	69	65	68	**61·6**	**10·0**
30	67	69	68	68	69	67	63	65	64	64	64	65	69	81	84	82	81	89	86	84	86	85	87	86	74·3	11·2
31	85	86	84	85	85	80	79	79	80	80	82	59	52	54	54	51	73	56	58	59	60	61	68	69	70·3	12·4
Mean ..	85·3	85·2	85·3	**85·6**	**85·6**	84·8	82·7	80·0	77·9	75·6	74·3	73·4	**71·7**	72·1	72·8	73·1	75·1	75·7	78·0	81·3	82·5	83·2	84·9	85·0	79·6	†12·4
Vapour Pressure* ..	mb. 11·9	mb. 11·8	mb. **11·7**	mb. 11·8	mb. 11·8	mb. 11·9	mb. 12·3	mb. 12·4	mb. 12·5	mb. 12·5	mb. 12·6	mb. 12·7	mb. 12·7	mb. 12·8	mb. 12·9	mb. 12·8	mb. **13·0**	mb. 12·9	mb. 12·9	mb. 12·8	mb. 12·6	mb. 12·3	mb. 12·2	mb. 12·0	mb. ‡12·4	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

53. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) = 12·5 metres. **September, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	69	74	68	71	65	68	66	61	58	58	58	57	58	63	60	61	68	65	68	66	69	71	73	74	**65·3**	8·9
2	73	74	74	72	74	74	69	67	63	62	61	57	53	66	82	84	82	85	82	78	83	80	80	84	73·1	9·5
3	93	91	89	86	89	85	82	77	80	84	66	67	72	67	65	66	79	76	75	72	76	79	83	80	78·4	8·9
4	80	78	81	84	90	84	84	80	81	81	84	79	67	65	65	63	59	68	66	70	69	69	67	65	74·4	**7·7**
5	64	70	75	77	72	71	70	71	75	75	74	72	72	71	75	85	87	87	86	87	87	89	89	92	77·5	8·7
6	93	91	88	87	87	88	91	81	82	79	81	84	80	76	78	76	75	75	87	91	81	81	79	77	83·1	10·0
7	76	75	75	76	75	76	77	73	75	72	72	81	83	89	91	92	93	92	92	87	93	93	92	93	82·7	10·1
8	90	92	93	95	92	90	88	84	86	73	70	71	73	78	73	67	69	77	78	79	85	85	85	88	81·8	9·6
9	86	85	85	87	88	89	92	90	89	86	83	86	83	89	77	76	77	75	79	83	81	81	82	85	84·0	9·0
10	88	87	88	90	91	91	89	85	83	75	79	77	73	76	76	76	79	80	77	75	72	70	87	85	81·2	10·1
11	87	88	88	86	89	92	86	83	87	85	93	79	65	65	66	72	91	82	82	86	85	86	87	84	83·1	9·9
12	90	91	89	89	90	89	88	84	76	76	74	67	68	66	71	68	74	76	76	86	90	92	90	92	81·2	9·3
13	91	92	92	94	94	90	85	80	76	66	67	60	59	61	59	61	61	63	68	71	73	75	78	81	75·1	9·6
14	78	80	77	79	85	92	93	92	89	87	82	76	79	80	79	80	81	81	86	87	89	89	89	91	84·0	**13·1**
15	90	94	91	91	87	89	88	81	72	70	72	77	76	72	72	75	77	79	80	79	79	80	80	78	80·6	12·0
16	76	78	80	81	83	86	86	92	89	88	84	81	81	77	84	85	85	90	91	86	93	92	97	96	85·5	11·9
17	92	92	89	92	91	93	90	89	86	84	90	86	85	84	85	85	84	87	90	90	91	87	87	91	88·4	10·4
18	93	95	93	94	95	96	94	93	84	75	69	69	60	57	60	65	64	71	76	73	77	75	76	78	78·7	10·5
19	82	82	83	83	86	92	92	90	87	85	81	77	75	79	79	88	89	89	90	88	89	87	92	87	85·3	11·1
20	91	92	92	92	90	89	84	81	76	73	69	66	61	62	60	65	65	69	69	76	78	86	85	89	77·5	9·5
21	86	87	86	88	86	88	86	79	75	75	74	76	68	69	79	74	74	73	69	78	71	76	79	81	78·4	8·9
22	80	87	82	87	86	84	85	87	81	84	76	81	81	78	81	85	90	91	92	92	96	96	96	93	86·0	9·8
23	94	93	91	89	94	90	84	84	84	79	75	71	70	73	71	83	90	84	84	82	80	80	81	81	83·0	10·1
24	80	77	76	77	78	78	76	74	74	69	62	63	66	66	69	76	69	71	73	72	75	72	77	79	72·9	8·2
25	77	76	80	81	80	83	84	81	77	76	69	69	66	69	70	72	71	79	78	79	87	91	92	94	78·1	8·8
26	94	96	96	94	94	94	93	94	90	88	84	81	81	82	79	83	84	86	87	89	88	91	90	91	88·8	9·7
27	87	87	85	85	85	85	85	83	80	75	72	71	67	65	63	67	69	76	78	83	84	82	83	84	78·5	9·0
28	88	79	81	80	76	82	83	85	82	81	81	76	78	77	77	71	77	85	91	92	94	94	93	92	83·0	12·1
29	92	93	91	95	96	97	96	96	95	95	95	92	89	88	88	89	80	88	92	93	92	91	91	92	**91·9**	13·1
30	91	91	91	92	92	93	93	91	89	82	80	73	81	76	76	81	77	78	82	76	74	76	76	80	83·2	11·5
Mean ..	85·0	85·6	85·0	85·8	86·0	**86·6**	85·3	82·9	80·7	77·9	75·9	74·1	**72·3**	72·9	73·7	75·7	77·3	79·3	80·8	81·5	82·7	83·2	84·5	85·2	80·8	†10·0
Vapour Pressure* ..	mb. 9·6	mb. 9·5	mb. 9·5	mb. 9·4	mb. **9·4**	mb. 9·4	mb. 9·6	mb. 9·9	mb. 10·2	mb. 10·3	mb. 10·4	mb. 10·4	mb. 10·4	mb. 10·4	mb. 10·5	mb. **10·7**	mb. 10·5	mb. 10·3	mb. 10·2	mb. 10·0	mb. 9·8	mb. 9·8	mb. 9·7	mb. 9·7	mb. ‡10·0	

54. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **October, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	83	78	80	82	79	81	83	79	79	72	71	63	67	83	85	87	89	91	91	91	87	89	89	91	81·9	11·0
2	88	86	87	87	89	89	88	84	84	76	74	73	69	68	68	74	79	88	82	79	83	79	80	85	80·9	11·1
3	86	87	86	86	86	84	86	87	83	75	85	79	80	82	84	74	79	80	81	81	82	81	82	85	82·5	11·0
4	85	86	88	92	89	90	89	89	82	75	68	70	71	76	70	71	75	80	81	83	85	82	85	86	81·1	10·1
5	84	85	88	90	78	73	74	79	88	82	70	70	73	76	76	80	82	81	80	86	89	89	90	92	81·3	12·8
6	89	87	88	86	84	82	83	82	79	80	78	74	74	77	69	63	67	69	67	74	91	87	86	83	79·3	**13·2**
7	84	88	86	79	82	77	80	80	75	71	68	64	60	60	64	66	72	72	75	79	78	81	82	82	75·2	7·6
8	82	85	81	81	84	82	81	71	70	64	62	59	60	60	59	65	65	71	68	66	68	69	71	74	**70·9**	7·3
9	70	75	81	81	84	81	80	78	77	67	65	67	62	60	65	65	69	81	85	86	84	84	84	86	75·5	8·5
10	86	86	86	82	83	87	87	80	76	68	64	66	68	69	70	72	77	93	91	91	88	87	93	91	80·8	9·5
11	89	89	89	88	94	95	96	94	88	82	76	74	82	82	82	82	77	77	75	89	87	78	78	72	84·4	10·5
12	79	77	80	74	74	76	88	84	72	59	67	60	58	58	59	64	69	71	75	75	72	75	79	77	71·6	6·8
13	79	83	83	82	83	85	88	87	91	86	85	85	80	84	78	73	85	83	79	85	88	85	82	85	83·3	6·3
14	80	84	84	83	81	83	85	83	89	80	79	76	62	76	68	71	80	82	81	81	82	90	90	87	80·7	6·6
15	87	87	84	84	88	87	84	85	82	75	75	68	70	81	70	74	84	87	88	91	93	91	89	91	83·0	6·3
16	87	89	90	90	90	90	89	89	89	85	80	72	70	71	66	68	74	81	85	85	88	87	87	89	83·0	**6·1**
17	89	86	86	90	93	94	91	95	97	94	90	82	66	67	66	67	63	65	77	79	75	76	77	81	81·3	8·2
18	82	81	92	89	90	91	92	89	87	82	82	73	70	74	71	68	69	76	80	84	85	86	88	85	81·8	7·6
19	86	88	87	88	88	88	89	89	85	80	71	66	60	59	60	60	63	63	61	64	65	65	66	65	73·6	6·3
20	65	65	70	78	79	86	82	93	92	89	87	90	92	92	93	95	96	96	98	97	97	99	100	100	88·1	9·8
21	98	97	97	98	98	97	97	99	99	96	94	91	89	88	88	88	94	95	94	91	89	91	95	95	**94·2**	12·2
22	94	94	94	94	95	95	95	94	96	96	96	95	90	89	89	92	92	89	89	92	91	92	94	96	93·0	12·5
23	97	98	97	92	91	92	92	96	96	95	93	95	94	85	87	84	83	86	87	87	90	91	92	92	91·4	11·8
24	93	92	91	92	92	91	89	89	87	81	73	71	67	72	74	77	82	82	85	80	81	81	82	84	83·0	10·7
25	84	83	84	86	89	89	88	81	76	80	75	67	58	62	63	66	72	75	73	74	81	88	84	88	77·7	9·6
26	89	85	82	86	85	86	88	91	91	93	87	89	89	90	95	96	92	85	83	82	80	81	82	87	87·3	10·4
27	85	82	88	92	89	87	84	86	86	81	81	79	82	81	79	86	86	84	88	89	85	83	77	75	84·2	10·3
28	74	75	77	77	77	81	84	81	76	71	68	68	62	67	72	76	79	85	78	84	85	88	86	91	77·3	8·9
29	91	92	93	92	92	92	87	88	83	83	80	74	77	78	86	85	91	96	99	99	96	91	95	92	88·8	11·1
30	94	92	92	91	92	93	93	93	92	90	89	89	87	87	88	90	91	91	91	92	93	93	93	96	91·3	11·7
31	96	96	96	96	96	95	95	95	89	88	87	85	85	81	91	93	95	95	95	96	97	98	100	99	93·2	12·3
Mean ..	85·6	85·7	86·7	86·7	86·9	87·1	**87.3**	86·8	85·0	80·5	78·1	75·3	**73·4**	75·3	75·3	76·5	79·7	82·3	82·6	84·3	85·0	85·1	85·7	86·5	82·6	†9·6
Vapour Pressure* ..	mb. 9·2	mb. 9·2	mb. 9·2	mb. 9·1	mb. **9·1**	mb. 9·1	mb. 9·1	mb. 9·4	mb. 9·6	mb. 9·7	mb. 9·7	mb. 9·7	mb. 9·6	mb. **9·8**	mb. 9·7	mb. 9·6	mb. 9·7	mb. 9·6	mb. 9·5	mb. 9·5	mb. 9·4	mb. 9·3	mb. 9·3	mb. 9·3	mb. ‡9·4	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

55. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) = 12·5 metres. **November, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	100	100	100	99	100	97	98	100	100	100	100	98	97	100	99	91	91	95	93	93	92	92	92	92	**96·8**	**11·9**
2	92	94	95	96	96	96	95	96	94	92	92	90	86	82	86	86	90	90	90	89	88	91	92	90	91·2	11·8
3	90	88	90	91	99	94	93	100	95	95	97	96	96	96	96	97	97	97	97	97	95	93	91	89	94·6	10·1
4	85	85	86	86	85	81	84	81	79	78	77	73	71	68	67	69	78	80	84	86	86	86	87	89	80·5	8·5
5	88	90	90	89	90	90	86	89	86	88	85	84	80	78	81	80	86	86	88	93	92	94	93	95	87·4	8·3
6	97	90	87	85	88	88	89	89	80	79	72	66	62	64	65	68	71	76	75	80	80	74	74	79	78·6	6·8
7	80	80	82	80	70	68	67	63	62	67	63	67	74	75	72	63	58	68	70	66	77	63	69	64	**69·8**	6·1
8	63	62	63	67	68	75	69	72	79	92	88	89	93	90	90	90	95	96	96	96	95	96	96	94	83·3	6·0
9	93	89	90	92	89	92	90	89	88	85	83	77	79	78	80	80	79	82	87	86	86	86	86	86	85·7	5·5
10	85	85	86	86	86	85	88	91	91	95	91	91	87	85	86	86	90	89	91	89	90	90	90	89	88·4	5·9
11	89	88	87	85	85	85	86	87	87	86	80	80	79	81	82	81	83	79	82	85	83	84	85	86	84·0	5·8
12	87	88	88	90	92	92	93	92	92	89	87	83	74	78	79	81	82	84	88	87	88	89	88	87	86·6	5·9
13	83	85	86	84	85	86	86	84	83	79	77	77	77	77	78	83	85	83	88	87	89	88	91	91	83·7	5·8
14	91	91	91	91	91	90	90	88	88	82	87	85	83	84	80	85	87	89	85	86	87	87	85	83	87·1	5·9
15	84	82	80	79	77	75	82	82	79	78	77	76	77	68	70	76	74	67	72	75	72	75	73	80	76·3	5·8
16	80	85	86	88	88	87	87	83	87	80	72	67	65	64	69	74	74	80	80	83	82	83	84	85	79·6	6·6
17	85	86	86	87	87	87	87	88	87	86	82	85	86	85	88	89	92	95	97	94	89	90	90	88	88·1	6·0
18	88	85	87	86	87	90	90	88	86	81	78	78	75	74	77	76	77	81	82	82	84	88	84	87	83·0	6·7
19	87	87	88	87	87	86	84	83	79	77	76	76	77	76	78	76	82	82	82	87	86	86	89	89	82·7	5·5
20	90	89	90	90	88	89	85	84	87	86	83	79	76	77	76	78	81	82	81	87	87	85	83	87	84·2	7·2
21	89	87	85	87	87	89	89	87	88	88	87	84	83	77	75	81	82	80	82	81	81	80	79	79	83·8	7·0
22	79	79	77	79	78	77	77	82	85	84	75	73	71	71	73	78	76	79	79	81	86	89	89	89	79·2	7·0
23	90	90	89	91	90	87	87	88	82	76	72	71	76	81	90	91	91	91	87	82	76	80	76	74	84·0	6·5
24	73	76	75	71	70	73	74	81	83	81	81	86	89	91	89	88	87	83	87	83	81	83	89	87	81·4	6·7
25	86	80	82	86	80	79	79	84	76	69	69	69	68	66	64	63	70	84	85	85	85	85	85	87	77·7	**5·1**
26	87	87	88	87	85	84	84	80	77	75	74	70	70	67	67	67	67	68	64	70	72	84	93	89	77·3	5·2
27	92	92	89	91	91	90	83	80	87	87	87	84	75	75	79	77	81	79	78	78	80	84	87	85	83·9	5·6
28	86	89	90	87	84	80	90	89	88	83	82	83	80	75	72	79	79	86	82	88	91	91	89	85	84·5	5·7
29	87	88	89	88	85	82	80	77	74	75	84	85	86	87	86	85	85	86	87	87	87	86	86	86	84·5	5·5
30	89	91	94	92	81	84	80	74	81	76	77	85	86	81	86	85	78	78	67	66	67	70	67	71	79·7	6·4
Mean ..	86·5	86·3	86·5	**86·6**	85·6	85·3	85·1	85·0	84·3	83·0	81·2	80·2	79·3	**78·4**	79·3	80·1	81·6	83·2	83·5	84·3	84·5	85·1	85·4	85·4	83·6	†6·8
Vapour Pressure* ..	mb. 6·5	mb. 6·4	mb. 6·4	mb. 6·4	mb. 6·4	mb. 6·4	mb. 6·4	mb. **6·4**	mb. 6·4	mb. 6·5	mb. 6·8	mb. 6·8	mb. **7·0**	mb. 7·0	mb. 7·0	mb. 6·8	mb. 6·7	mb. 6·7	mb. 6·8	mb. 6·7	mb. 6·6	mb. 6·6	mb. 6·6	mb. 6·5	m.b ‡6·6	

56. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **December, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	76	77	82	94	93	93	91	93	93	93	93	89	92	94	93	97	96	94	95	95	94	94	94	94	91·1	6·0
2	94	94	94	94	94	94	94	93	92	90	85	80	83	82	88	92	91	87	91	93	91	91	90	92	90·4	6·0
3	91	92	91	91	91	91	90	95	95	95	95	95	95	95	95	96	96	95	97	96	95	95	97	95	94·1	6·9
4	95	95	94	93	95	93	93	88	88	88	83	79	77	77	81	82	82	79	79	79	80	79	80	83	85·3	6·1
5	81	79	77	79	81	81	80	80	80	80	80	79	76	73	74	74	74	74	76	74	71	71	73	69	76·8	5·1
6	69	71	72	72	73	76	77	78	76	77	74	72	69	71	72	74	78	82	86	89	91	95	95	95	78·0	5·3
7	97	92	96	96	97	91	91	88	91	92	97	97	96	94	94	96	93	93	94	94	94	94	97	97	**94·2**	8·2
8	95	94	96	93	95	93	95	92	92	89	87	90	88	90	88	81	86	83	83	81	80	82	81	85	88·5	**9·0**
9	83	84	85	87	87	87	84	81	78	79	80	79	78	84	82	84	86	86	87	84	79	77	76	77	82·4	6·9
10	81	79	79	78	78	77	75	75	74	81	82	82	83	88	83	84	81	82	81	83	84	80	82	80	80·4	6·9
11	77	79	77	80	80	77	77	78	80	82	87	97	95	96	94	94	92	91	93	94	89	92	94	89	86·6	6·7
12	89	89	88	81	77	84	85	86	82	83	93	84	75	82	80	81	83	86	86	86	87	87	87	84	84·5	5·9
13	82	81	82	82	81	78	77	76	76	76	86	90	90	90	90	90	90	91	91	91	90	90	91	92	85·4	5·1
14	92	92	91	91	91	92	92	92	92	87	87	87	85	85	85	85	83	80	84	86	86	88	88	90	88·0	5·3
15	91	90	88	88	86	85	80	78	79	80	82	82	84	87	87	88	87	89	94	94	94	94	94	93	87·2	5·5
16	91	87	90	84	84	84	90	89	85	80	79	79	78	79	76	82	80	81	84	80	79	74	80	81	82·6	6·9
17	79	77	81	80	79	76	84	84	92	93	87	86	90	87	86	87	86	87	88	93	93	95	95	94	86·4	7·6
18	94	92	93	94	95	94	94	94	94	94	94	94	94	94	94	94	94	93	93	93	92	91	90	88	93·3	5·6
19	88	88	89	89	89	89	90	90	89	88	86	83	81	81	80	81	84	86	88	90	90	91	91	91	87·1	4·0
20	89	81	85	84	81	82	75	65	63	65	64	63	66	67	69	69	69	68	67	69	70	82	78	76	73·1	5·0
21	89	80	94	84	81	79	79	81	76	76	80	78	79	79	81	82	79	81	83	84	84	85	85	86	81·7	5·1
22	86	87	86	86	86	82	80	79	80	80	81	82	82	81	80	80	80	77	75	74	74	73	73	73	80·1	3·9
23	73	73	73	72	69	67	66	64	61	61	63	65	68	71	72	74	75	72	72	73	74	76	76	76	70·2	4·1
24	77	76	76	78	82	85	84	80	75	77	74	76	78	80	81	80	80	79	78	79	79	77	77	75	78·5	4·8
25	72	72	71	69	69	68	68	68	67	68	68	68	67	66	66	67	69	71	71	73	74	76	78	81	**70·2**	**3·8**
26	82	83	83	84	85	88	91	94	96	95	93	90	87	88	89	91	95	96	95	96	96	98	98	98	90·9	4·5
27	95	94	89	90	90	83	82	83	88	85	89	87	88	87	86	91	89	88	90	92	88	91	89	92	88·7	7·2
28	89	89	92	90	88	88	89	90	84	83	84	85	78	82	86	88	89	89	90	90	94	92	95	97	88·3	7·3
29	94	83	80	80	82	85	82	81	82	89	90	82	78	80	82	76	80	74	72	72	75	78	77	83	81·0	7·8
30	80	81	85	81	76	80	81	89	83	82	85	82	86	88	90	90	87	91	87	88	90	89	89	89	85·3	7·2
31	79	81	82	78	78	83	84	81	83	82	80	77	73	74	77	79	82	82	80	79	78	77	75	74	79·4	6·1
Mean ..	85·5	84·3	85·2	84·6	84·3	84·0	83·9	83·4	82·8	82·9	83·5	82·5	**81·9**	83·0	83·3	84·2	84·4	84·1	84·8	85·3	85·0	85·6	86·0	**86·1**	84·2	†6·0
Vapour Pressure* ..	mb. 5·9	mb. 5·8	mb. 5·9	mb. 5·8	mb. 5·8	mb. 5·9	mb. 5·9	mb. 5·8	mb. 5·8	mb. 5·8	mb. 5·9	mb. 6·0	mb. **6·1**	mb. 5·9	mb. 5·9	mb. 5·9	mb. 5·8	mb. 5·8	mb. **5·8**	mb. 5·8	mb. 5·8	mb. 5·8	mb. 5·8	mb. 5·8	mb. ‡5·9	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

From the monthly means for exact hours, Greenwich Mean Time.

57. Aberdeen: North Wall Screen on Tower: h_t (height of thermometer bulbs above the ground) = 12·5 metres. **1925.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Relative Humidity ...	85·3	85·3	85·3	85·4	**85·4**	84·8	84·0	82·5	80·8	78·9	77·8	76·7	75·9	75·8	**75·7**	77·0	78·3	79·8	80·9	82·4	83·3	84·1	84·8	85·1	81·5
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Vapour Pressure, in millibars	8·6	8·5	8·5	**8·5**	8·5	8·5	8·7	8·8	8·9	8·9	9·1	9·1	9·2	**9·2**	9·1	9·1	9·1	9·1	9·0	8·9	8·8	8·8	8·7	8·7	8·8

RELATIVE HUMIDITY: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

58. Aberdeen: North Wall Screen on Tower: h_t = 12·5 metres. **1925.**

Month.	Mean.	Hour 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Jan.	82·5	+0·7	**+1·9**	+0·7	+0·3	+0·5	+0·2	+0·4	+1·2	−0·2	−0·2	−0·7	**−2·4**	−2·2	−2·0	−1·5	−1·4	+0·4	+0·8	−0·1	+0·1	+0·2	+0·7	+1·4	+1·3
Feb.	82·0	+2·1	+2·7	+1·7	+2·4	+2·9	**+3·6**	+3·3	+3·2	+2·0	−0·5	−2·2	−3·7	−3·2	−3·6	**−4·9**	−2·9	−2·3	−1·1	−1·0	−1·0	−0·4	+0·6	+0·9	+1·5
Mar.	78·2	+2·8	+2·2	+2·4	+2·5	+4·0	+3·6	+3·7	+2·8	+0·9	−2·9	−4·3	−5·4	−5·1	−5·5	**−6·7**	−5·9	−4·4	−1·0	+0·3	+2·2	+2·7	**+4·0**	+3·9	+3·2
April	80·2	**+6·2**	+5·5	+5·8	+5·9	+6·0	+5·0	+3·2	+0·5	−1·8	−4·4	−5·5	−6·0	−6·7	−7·7	**−8·6**	−5·6	−4·4	−2·6	−0·4	+1·6	+2·1	+3·1	+3·7	+5·0
May	84·2	+4·4	+4·7	+4·2	+3·6	+3·5	+3·3	+1·8	−1·0	−2·1	−3·5	−3·3	−3·0	−4·1	−5·8	**−6·0**	−4·7	−4·2	−3·5	−1·6	+1·0	+3·2	+3·8	+4·3	**+4·8**
June	**75·4**	+5·9	+6·0	+6·5	**+7·1**	+6·4	+4·0	+1·5	−1·0	−2·7	−3·8	−4·6	−4·3	−6·1	−7·7	**−7·9**	−7·2	−5·5	−3·4	−2·0	−0·1	+2·9	+4·7	+5·8	+5·2
July	**84·3**	+6·3	+6·3	**+6·5**	+6·4	+5·8	+3·8	+2·2	−0·4	−3·5	−4·2	−6·0	−6·8	**−7·5**	−5·9	−6·6	−4·9	−4·5	−3·2	−1·1	+1·0	+2·8	+3·8	+4·6	+5·3
Aug.	79·6	+5·6	+5·5	+5·6	**+5·9**	**+5·9**	+5·1	+3·1	+0·3	−1·8	−4·1	−5·3	−6·2	**−7·9**	−7·5	−6·8	−6·5	−4·5	−3·9	−1·6	+1·7	+2·9	+3·6	+5·4	+5·5
Sept.	80·8	+4·4	+4·9	+4·3	+5·1	+5·3	**+5·9**	+4·5	+2·2	−0·1	−2·9	−4·9	−6·7	**−8·5**	−8·0	−7·2	−5·2	−3·6	−1·6	−0·1	+0·6	+1·7	+2·2	+3·5	+4·2
Oct.	82·6	+3·3	+3·4	+4·3	+4·3	+4·5	+4·6	**+4·8**	+4·2	+2·5	−2·1	−4·5	−7·3	**−9·3**	−7·4	−7·4	−6·2	−3·1	−0·5	−0·2	+1·4	+2·1	+2·2	+2·8	+3·6
Nov.	83·6	+2·5	+2·3	+2·6	**+2·7**	+1·8	+1·5	+1·3	+1·3	+0·6	−0·7	−2·5	−3·4	−4·3	**−5·1**	−4·1	−3·3	−1·8	−0·2	+0·2	+1·0	+1·2	+1·9	+2·2	+2·3
Dec.	84·2	+1·3	+0·1	+1·1	+0·4	+0·1	−0·1	−0·3	−0·8	−1·4	−1·3	−0·7	−1·6	**−2·3**	−1·2	−0·9	0·0	+0·2	−0·1	+0·6	+1·1	+0·8	+1·4	+1·7	**+1·9**
Year	81·5	+3·8	+3·8	+3·8	+3·9	**+3·9**	+3·4	+2·5	+1·0	−0·6	−2·5	−3·7	−4·7	−5·6	−5·6	**−5·7**	−4·5	−3·1	−1·7	−0·6	+0·9	+1·9	+2·7	+3·3	+3·7

RAINFALL: ANNUAL TOTALS OF HOURLY VALUES.

Amounts, in millimetres; durations, in hours, for periods of sixty minutes between the exact hours, Greenwich Mean Time.

59. Aberdeen: H_r = 13·4 metres + 0·6 metres. **1925.**

G.M.T.	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to Noon	Noon to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	0 to 24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.
Amount	28·9	39·4	28·9	**42·3**	38·1	26·5	32·9	30·2	33·5	20·5	17·1	16·7	30·4	38·5	27·6	35·3	24·8	24·6	19·8	28·5	**16·1**	21·1	21·6	26·0	669·3
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
Duration	32·0	**34·4**	28·5	31·3	33·4	26·1	29·7	24·5	26·9	19·4	**18·7**	19·1	25·7	26·4	21·3	25·7	22·3	25·0	22·1	25·7	22·1	23·0	26·5	29·8	619·6

60. Aberdeen. NOTES ON RAINFALL. **1925.**

Notable Falls of the Year.—There were no really notable falls of rain during 1925. The most prominent one was perhaps that of 2nd January, when a snowstorm yielded 20 mm. of water in about 5½ hours.

Dry Periods.—(Periods of 7 days or over with no rainfall or with trifling falls.)
Jan. 3—12. Period of 10 days with 0·5 mm. (snow showers).
Jan. 15—22. Period of 8 days with no rainfall.
June 7—30. Period of 24 days with slight falls amounting in all to only 6 mm. June was a very dry month.
Aug. 14—21. Period of 8 days with 0·2 mm. August also was a very dry month.
Sept. 30—Oct. 10. Period of 11 days with 0·6 mm. From 20th July to 18th September no serious fall of rain occurred.
Nov. 11—22. Period of 12 days with 0.1 mm.

Wet Periods.—(With notes of the heavier rates of fall.)
Jan. 2. 20 mm. fell in 5½ hours during snowstorm.
Feb. 23—28. Six days wet spell, 46 mm. in all fell, of which 8 mm. fell in 2½ hours on 24th.
May 18. 9 mm. fell in a little over 1 hour, of which 5 mm. fell in 15 minutes.
May 25—27. 29 mm. of rain in 3 days, but without any noteworthy rate of fall.
July 26. 15 mm. in 2½ hours, during ⩘. Of this, 5 mm. fell in 10 minutes.
July 29. 16 mm. in under 5 hours, of which 5 mm. fell in 10 minutes.
Sept. 19—20. 23 mm. fell in 11 hours, but no noteworthy rate of fall.
Oct. 26. 13 mm. in 2½ hours, 5 mm. of which fell in 35 minutes.

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

61. Aberdeen : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 13·4 metres + 0·6 metres. **January, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	1·4	1·2	...	...	...	...	·1	...	...	...	...	·3	3·0	1·7
2	1·4	3·8	·1	...	...	...	...	...	...	...	...	...	(4·5)	(4·5)	(4·5)	(·8)	...	...	...	...	...	...	...	...	**19·6**	(5·4)
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	(0·1)	(0·1)
6	(·1)	(·1)	(·1)	(·1)	(...)	(...)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(0·4)	(0·4)
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	0·2	0·4
14	·2	·6	1·5	1·7	·3	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·6	**5·6**
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·6	2·7	·1	·1	...	...	...	...	3·6	2·7
24	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	(ρ)	(·1)	(ρ)	(⊔)	(·1)	(⊔)	(⊔)	(·1)	(⊔)	(0·4)	0·5
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	·3	...	...	...	·1	...	0·5	0·7
27	·8	·9	...	...	...	...	...	·3	...	...	...	...	...	...	·1	·2	...	...	...	...	...	...	...	...	2·3	2·1
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·2	...	...	0·4	0·9
29	...	...	...	...	...	...	·1	·1	·1	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	0·6	1·2
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	2·5	5·4	1·7	1·9	0·3	...	0·4	0·4	0·1	0·1	...	0·3	**5·9**	5·7	4·6	1·1	0·7	2·7	0·5	0·2	0·2	0·2	0·2	0·6	35·7	21·7
Total Duration.	hr. 2·4	hr. **2·8**	hr. 1·4	hr. 1·6	hr. 1·0	hr. ...	hr. 0·9	hr. 0·5	hr. 0·3	hr. 0·2	hr. ...	hr. 0·4	hr. 1·5	hr. 1·8	hr. 1·2	hr. 1·0	hr. 0·9	hr. 1·0	hr. 0·7	hr. 0·3	hr. 0·4	hr. 0·5	hr. 0·2	hr. 0·7	hr. 21·7	

62. Aberdeen : H_r = 13·4 metres + 0·6 metres. **February, 1925.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	...	...	...	...	...	...	...	...	...	...	0·6	0·4
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·2)	(·2)	...	...	...	0·4	(1.0)
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	0·4	0·6
8	1·2	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·9	·3	...	...	...	...	...	6·7	2·9
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	·1	...	·2	·3	·3	...	...	...	...	...	...	...	...	...	0·9	1·0
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	1·0	1·4	·3	·2	...	...	...	...	...	...	...	...	2·9	2·7
14	...	...	...	...	...	·8	...	...	...	...	·7	·3	1·2	1·6	1·4	1·6	·2	·1	...	...	...	...	...	...	7·9	5·3
15	·9	2·0	1·9	2·4	·2	·5	·5	·9	1·1	·6	·1	...	·5	·1	...	...	·1	...	...	...	...	...	...	...	11·8	**9·7**
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·1	·1	1·0	·3	·5	·1	·2	...	7·3	4·0
17	·1	...	...	...	·5	·5	·6	·5	·5	...	...	...	·1	·6	...	·4	·1	...	...	·2	·3	...	...	·6	5·0	5·4
18	·2	·2	·1	...	...	...	·3	·1	·1	...	1·2	·9	1·3	·2	...	...	...	...	...	...	...	...	...	...	4·6	3·3
19	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	·4	·1	...	·1	·7	...	...	...	·1	...	1·5	2·3
20	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·5
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·5	·2	·1	·1	·1	1·2	3·0
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	1·9	·8	...	·6	·1	1·1	4·7	3·7
24	·8	·5	·1	·1	...	...	...	4·6	(4.5)	(·8)	·1	...	·3	·4	...	...	...	...	...	...	...	...	·1	...	**12·8**	5·6
25	...	·6	·2	·2	·1	...	·4	·4	·9	·7	·3	·4	...	...	...	...	...	...	...	...	...	...	...	...	4·2	6·0
26	·5	2·1	·1	...	·3	...	...	...	...	...	·1	·8	·3	1·0	·2	...	...	...	·3	...	...	·3	1·2	2·6	9·8	5·8
27	...	...	...	...	...	...	...	...	...	...	·2	...	·1	...	·1	2·3	1·2	·2	...	·1	·2	...	·9	...	5·3	3·4
28	...	·1	·7	·1	·3	·1	2·5	·1	·1	·2	·1	·1	·3	...	·1	2·4	·3	·5	·1	...	·9	·8	...	...	9·8	7·0
Sum.	3·7	5·7	3·3	2·8	1·4	1·9	4·3	6·6	**7·3**	2·3	2·9	2·5	5·3	6·2	2·8	7·0	7·0	6·1	4·5	2·1	2·3	1·9	2·7	4·8	97·4	73·6
Total Duration.	hr. 3·2	hr. 4·2	hr. 4·1	hr. 2·3	hr. 1·9	hr. 1·4	hr. 2·9	hr. 3·3	hr. 3·8	hr. 2·1	hr. 2·9	hr. 1·8	hr. **5·5**	hr. 4·7	hr. 2·6	hr. 3·5	hr. 2·7	hr. 2·7	hr. 3·4	hr. 3·3	hr. 3·0	hr. 1·7	hr. 3·2	hr. 3·4	hr. 73·6	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

63. Aberdeen : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 13·4 metres + 0·6 metres. **March, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	·1	...	·1	·8	·4	...	...	...	...	...	0.2	·9	·1	...	...	...	...	·1	...	·3	·3	...	...	...	3·3	3·0
2	...	...	...	...	·1	...	...	...	·2	...	...	...	·4	...	...	...	...	...	...	...	...	...	...	...	0·7	0·8
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	0·3	0·4
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	0·2	0·5
8	(...)	(...)	(...)	(·1)	(...)	(·1)	(·1)	(...)	(...)	(...)	(...)	(·1)	(·1)	(...)	(·1)	(·1)	(·1)	(...)	(·4)	(·8)	(·6)	(·2)	(·4)	(·8)	(4·0)	(6·2)
9	(·6)	(·6)	(·6)	(·6)	(·6)	(·2)	(...)	(...)	(...)	(·2)	(·2)	(·2)	(·3)	(·3)	(·2)	(·3)	(·1)	(...)	(·2)	(·2)	(·3)	(·4)	(·3)	(·2)	(6·6)	(7·4)
10	(...)	(...)	(...)	(...)	(...)	(...)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	(...)	(...)	(...)	0·1	0·4
11	(...)	(...)	(·5)	(1·0)	(1·0)	(·4)	(...)	...	...	...	...	...	...	...	·7	...	...	...	...	...	...	...	...	...	(3.6)	(3·9)
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	·4	·2	...	...	...	...	·1	...	...	·1	...	...	...	...	·1	...	...	...	0·9	1·7
14	...	...	...	...	·1	·1	...	...	...	...	...	·1	·1	·1	...	...	...	...	...	...	...	...	...	...	0·5	2·0
15	...	...	...	...	·1	·2	·1	·1	...	...	...	...	·5	·1	...	...	...	...	...	...	...	...	...	...	1·1	3·8
16	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	·1	...	0·2	0·5
17	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·5
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	·1	(...)	(...)	(...)	0·3	0·9
21	(·1)	(·2)	(·2)	(·1)	(·2)	(·1)	(·1)	...	...	...	...	...	...	...	...	·1	·3	·3	...	(·1)	(·1)	...	...	...	(1·9)	(4·4)
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	·1	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	1·1
24	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	...	...	...	...	...	...	...	...	1·0	1·3	1·2
25	1·9	1·3	...	·1	1·3	·3	...	·1	·7	·2	...	...	...	...	...	...	...	·7	·1	...	·1	·1	...	...	6·9	4·8
26	...	·1	...	...	·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	0·7
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	·4	·4	·1	...	...	...	·1	·4	...	...	...	...	...	...	...	...	...	...	...	...	1·4	1·7
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	·5	·3	1·5	2·2
31	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	1·2	1·4	1·6	1·4	1·3	·6	·9	·9	·6	**10·2**	**9·6**
Sum.	2·7	2·3	1·4	2·7	**4·9**	1·8	0·8	0·4	1·0	1·4	0·6	1·7	1·6	0·7	1·4	1·8	2·0	2·8	2·1	2·7	2·3	2·5	2·2	3·2	47·0	57·7
Total Duration.	hr. 1·6	hr. 2·3	hr. 2·0	hr. 3·2	hr. **5·5**	hr. 3·7	hr. 1·9	hr. 1·3	hr. 1·1	hr. 1·7	hr. 0·8	hr. 1·5	hr. 2·8	hr. 1·7	hr. 2·0	hr. 2·4	hr. 2·3	hr. 2·5	hr. 1·6	hr. 2·7	hr. 3·7	hr. 3·1	hr. 2·9	hr. 3·4	hr. 57·7	

64. Aberdeen : H_r = 13·4 metres + 0·6 metres. **April, 1925.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·3
2	...	...	...	...	...	...	·1	...	...	·4	...	...	...	...	...	...	...	...	...	...	...	...	(·3)	(·2)	(1.0)	(1·7)
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	·5	...	...	·5	...	...	·1	...	·6	·7	...	...	2·4	3·0
6	·6	·7	·4	4·	·4	·5	·6	·7	·9	·6	·7	·9	·7	·4	·2	·2	...	...	·2	·1	...	·1	...	...	**9·3**	**15.3**
7	...	...	...	...	...	...	...	...	...	...	·5	1·7	1·0	·7	·3	1·0	1·3	·7	·4	·2	...	...	...	...	7·8	8·5
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	(≡:)	(≡:)	(·1)	(≡:)	(·1)	(≡:)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	(...)
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	1·2	1·3	1·1
15	·6	5·8	2·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·7	2·7
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	·2	0·3	0·6
17	·9	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	·1	...	·1	·7	·3	·1	2·4	3·8
18	·1	·3	·5	·6	·9	1·0	·9	1·1	·6	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·2	8·7
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	·2	·3	·2	...	...	...	...	...	0·9	2·3
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	...	...	...	...	...	...	...	0·3	0·3
24	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	·4	·6	...	...	...	...	...	...	...	...	1·3	1·2
25	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	·1	0·3	0·4
26	...	...	...	...	...	...	·2	·1	·4	...	·5	·2	·2	·1	...	·1	...	...	...	...	·5	·1	·2	...	2·6	3·9
27	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
28	·1	·1	...	·2	·1	·1	...	...	...	...	...	...	...	...	...	3·4	1·8	·5	·1	...	...	...	...	...	6·4	4·4
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·6	1·6	·1	...	...	·1	·3	...	...	3·7	1·8
30	·1	...	...	...	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·6	·1	...	·2	·1	3·6	1·9
Sum.	2·6	7·0	3·2	1·3	1·9	1·7	1·8	1·9	1·9	1·2	1·7	2·8	2·5	1·8	0·9	**7·6**	5·1	1·6	1·1	2·9	1·5	1·9	1·1	1·9	58·9	62·1
Total Duration.	hr. 4·3	hr. 3·6	hr. 2·5	hr. 2·4	hr. 2·4	hr. 1·8	hr. 2·6	hr. 2·2	hr. 2·5	hr. 1·8	hr. 1·9	hr. 2·4	hr. 2·7	hr. 3·1	hr. 1·8	hr. **4·4**	hr. 3·2	hr. 3·0	hr. 2·6	hr. 1·4	hr. 2·5	hr. 2·3	hr. 2·0	hr. 2·7	hr. 62·1	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

65. Aberdeen : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 13·4 metres + 0·6 metres. **May, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	...	...	...	...	...	0·5	0·3
3	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·5
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	·1	...	...	...	...	·2	·6	·1	...	...	·3	·6	·4	·2	...	·2	·2	·1	·1	...	...	...	...	...	3·1	4·7
6	...	...	...	·5	·5	3·2	3·9	1·6	1·7	1·0	1·7	·2	...	...	...	...	...	...	...	...	...	...	...	...	14·3	7·2
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	·9	·1	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	·2	·3	·7	2·3	2·9
9	·1	·2	...	...	·8	·5	·3	1·7	1·5	·2	...	·1	·8	·5	·7	·2	...	·1	·6	...	·2	...	...	...	8·5	8·5
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	...	...	...	...	...	...	0·4	0·2
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	0·1	0·2
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	0·2	0·7
14	·2	·2	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	1·8
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	·1	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·7	·1	...	2·4	1·0
17	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·4
18	...	...	...	...	7·9	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·9	1·1
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...		...	...	...	...	...	...	...	...	...	...	·4	·6	·3	·3	·2	·1	...	...	·1	2·0	4·8
24	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	0·3	1·1
25	·1	...	...	·7	4·3	1·4	1·2	2·0	2·5	·3	·2	·2	·2	·2	·3	·2	·1	·5	·1	·1	...	...	...	...	**14·6**	**12·9**
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	2·3	2·4	1·3
27	1·4	·1	·1	...	...	·2	2·2	1·9	1·5	2·0	1·0	1·0	·2	...	...	...	...	...	...	...	...	...	...	...	11·6	7·9
28	...	...	...	...	...	...	...	...	(·1)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	0·3	0·8
29	·1	...	...	...	...	·3	·4	·1	·4	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	·1	1·7	2·9
30	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	2·1	0·6	0·3	1·5	**14·0**	7·7	8·7	7·4	7·7	3·6	3·3	2·1	1·6	0·9	·10	1·4	0·9	1·0	1·6	0·3	0·5	2·3	0·7	3·4	74·6	61·4
Total Duration.	hr. 2·4	hr. 1·8	hr. 0·9	hr. 1·2	hr. 2·6	hr. 4·0	hr. 4·5	hr. 4·3	hr. **5·0**	hr. 3·7	hr. 3·3	hr. 2·8	hr. 2·6	hr. 2·0	hr. 1·5	hr. 3·1	hr. 2·1	hr. 2·1	hr. 2·0	hr. 1·1	hr. 1·5	hr. 2·0	hr. 2·1	hr. 2·8	hr. 61·4	

66. Aberdeen : H_r = 13·4 metres + 0·6 metres. **June, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1		...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	0·2	0·3
2	...	...	...	...	...	...	...	...	...	...	...	·2	·7	1·6	2·4	...	...	...	·1	·2	...	...	...	...	5·2	2·2
3	...	...	...	...	...	...	...	...	...	1·6	·8	...	·9	...	...	...	...	...	...	...	...	...	...	...	3·3	2·2
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	·8	1·0	·1	2·0	2·2	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**6·7**	**3.9**
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	·3	·1	...	...	...	...	...	...	...	...	...	...	0·4	0·5
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	(1.0)	...	...	...	...	1·3	(1.0)
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	1·1	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	1·4
18	·1	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·8
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	0·1	0·3
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	0·2	0·8
27	...	...	...	...	...	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·4
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·5	1·3	1·9	1·4
Sum.	0·1	1·1	0·3	0·1	0·9	1·4	0·1	2·0	2·2	2·2	0·8	0·2	2·1	1·7	**2·4**	...	0·3	...	0·1	1·2	...	0·2	0·6	1·4	21·4	15·2
Total Duration.	hr. 0·3	hr. 0·4	hr. 0·7	hr. 0·3	hr. 1·1	hr. 1·0	hr. 0·2	hr. 1·0	hr. 1·0	hr. **1·5**	hr. 0·6	hr. 0·2	hr. 1·4	hr. 0·6	hr. 1·0	hr. ...	hr. 0·3	hr. ...	hr. 0·1	hr. 1·0	hr. ...	hr. 0·5	hr. 0·6	hr. 1·4	hr. 15·2	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes between the exact hours, Greenwich Mean Time.

67. Aberdeen : Hr (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + hr (height of receiving surface above ground) = 13·4 metres + 0·6 metres. **July, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	1·0	·6	·2	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·2	2·8
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	·9	·9	·4	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·5	2·7
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	2·0	1·7	·7	5·1	3·4
7	...	...	2·0	2·5	...	...	...	...	·2	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	4·9	1·3
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	0·2	0·7
9	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	...	...	·1	...	...	...	...	·7	·1	1·3	2·1
10	·6	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	0.8
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	1·3	·1	·7	...	·4	·4	·3	·1	·4	4·0	4·9
13	·4	1·1	·9	·2	·4	·2	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·4	**5·5**
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·8	0·8	0·6
15	1·3	·1	·2	2·3	·9	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·0	3·3
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	0·1	0·3
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	·2	2·0	...	...	...	...	...	...	...	...	...	...	2·2	1·1
20	...	...	...	...	...	...	...	...	...	...	...	...	1·9	1·4	1·5	...	...	...	...	·8	...	...	...	·1	5·7	2·9
21	1·5	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·6	1·2
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	2·5	·4	...	...	...	...	3·9	2·1
23	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·5
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	·1	·1	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	4·0
26	...	...	·7	9·8	...	...	...	...	1·6	3·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15·2	2·3
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·3
29	...	...	...	...	...	·2	1·6	...	...	...	...	...	...	9·3	1·2	2·7	...	...	·2	1·1	...	...	...	...	**16·3**	4·7
30	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·5	·1	...	·1	·3	·2	·6	1·0	·1	·1	3·1	4·4
31	...	...	...	...	...	...	...	...	...	...	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·4
Sum.	4·8	2·3	4·1	**16·1**	2·5	0·8	2·3	...	1·8	3·1	0·3	0·1	2·5	12·8	3·5	4·1	0·2	2·1	3·0	2·9	1·7	3·3	2·8	2·2	79·3	52·3
Total Duration.	hr. 3·9	hr. 4·0	hr. 3·3	hr. **5·1**	hr. 4·6	hr. 1·4	hr. 1·6	hr. ...	hr. 0·5	hr. 0·8	hr. 0·2	hr. 0·2	hr. 1·3	hr. 2·9	hr. 2·3	hr. 1·8	hr. 0·5	hr. 2·1	hr. 1·7	hr. 2·8	hr. 2·2	hr. 3·0	hr. 3·1	hr. 3·0	hr. 52·3	

68. Aberdeen : Hr = 13·4 metres + 0·6 metres. **August, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	0·2	0·2
2	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·4
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	...	...	...	·2	...	·1	...	...	0·4	0·9
7	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·3
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	·1	·1	·7	1·3	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·8	3·4
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	·1	·4	·2	·2	1·1	·5	...	·9	·4	2	...	...	...	...	...	...	...	...	...	...	...	...	4·0	4·3
13	...	·1	·2	·4	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	1·9
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·8
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·9	·2	1·1	2·6	·7	5·5	3·4
23	·1	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	6·7	1·4	·4	·1	·2	**9·5**	**4·6**
24	·1	·2	...	·1	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	1·4
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	1·4	...	...	...	...	...	...	...	...	...	1·7	0·8
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	...	...	...	...	...	...	...	0·4	0·2
30	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·5	·4	·1	...	...	...	...	...	...	...	1·2	2·2
31	...	...	...	...	·1	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·8
Sum.	0·3	0·3	0·4	1·1	0·6	0·4	1·3	1·2	1·5	1·5	0·4	0·2	...	0·5	2·3	0·5	0·1	0·2	0·5	**7·8**	1·6	1·6	2·7	0·9	27·9	25·6
Total Duration.	hr. 1·0	hr. 0·7	hr. 1·0	hr. **2·4**	hr. 1·5	hr. 0·8	hr. 1·9	hr. 1·7	hr. 1·4	hr. 1·1	hr. 0·4	hr. 0·1	hr. ...	hr. 0·7	hr. 1·5	hr. 0·9	hr. 0·4	hr. 0·2	hr. 0·3	hr. 1·8	hr. 1·5	hr. 1·7	hr. 1·3	hr. 1·3	hr. 25·6	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

69. Aberdeen : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 13·4 metres + 0·6 metres. **September, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	...	...	...	...	0·2	0·5
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·2	...	·2	...	...	...	...	...	...	0·9	1·4
3	1·8	·6	·2	·1	·3	...	...	...	...	·3	...	...	...	...	...	...	...	·1	...	...	...	...	·2	...	3·6	3·4
4	...	...	...	·3	1·1	·2	·1	...	·3	...	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	2·3	2·6
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	·1	...	...	...	0·4	0·8
6	·2	·1	·3	...	·1	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	2·0
7	...	...	...	...	...	...	...	...	...	...	...	...	·1	·9	·6	·1	·3	·2	...	·1	·1	1·0	·1	...	3·5	5·6
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	·1	...	...	·1	·6	1·1	1·2	1·0	...	...	...	...	...	...	...	...	...	...	4·1	2·8
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	·2	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	0·5
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	·6	1·0	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·1	2·3
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	·1	·3	·1	...	...	...	...	...	...	...	...	...	·3	·5	...	...	...	...	1·3	2·2
17	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	0·4	1·0
18	·2	·1	·5	1·2	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·3	4·2
19	...	...	...	...	...	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	1·3	3·0	1·7	1·9	1·4	9·9	4·6
20	2·1	2·5	4·0	2·6	1·5	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13·1	6·1
21	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	...	...	...	...	...	...	...	...	...	...	0·1	(0.2)
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	1·3	1·7	·3	...	·9	1·0	·8	6·1	6·2
23	·2	·2	·1	...	...	·2	·1	...	...	...	...	...	...	...	...	...	·2	·2	...	...	...	...	...	...	1·2	2·5
24	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	...	...	...	...	...	...	...	...	...	...	0·1	(0.3)
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·8	·7	2·0	2·6
26	·8	·4	·8	·5	·7	(·2)	(·1)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·5	(7.4)
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	·1	...	...	·7	·5	...	...	·2	1·6	1·0	·8	·4	...	...	...	...	...	...	...	...	...	...	...	...	5·3	4·6
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	5·5	3·9	**5·9**	5·4	4·5	2·1	1·9	1·0	2·2	1·4	2·6	1·6	1·3	2·1	1·1	0·3	0·7	2·4	2·0	2·2	3·2	4·1	4·0	3·2	64·6	63·8
Total Duration.	hr. **5·8**	hr. 4·0	hr. 4·1	hr. 3·9	hr. 3·9	hr. 3·6	hr. 4·2	hr. 1·8	hr. 1·8	hr. 1·5	hr. 1·9	hr. 1·4	hr. 1·0	hr. 1·9	hr. 1·7	hr. 0·7	hr. 1·5	hr. 3·2	hr. 1·4	hr. 2·0	hr. 1·6	hr. 3·6	hr. 3·6	hr. 3·7	hr. 63·8	

70. Aberdeen : H_r = 13·4 metres + 0·6 metres. **October, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	0·1	0·4
6	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	0·3	0·8
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	0·2	0·7
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	·1	·3	...	...	...	0·7	1·3
12	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·3
13	...	...	...	...	...	...	...	·9	1·8	·5	·1	·1	·5	·4	...	...	·1	·2	·1	·4	·2	·2	·2	·8	6·5	5·8
14	·4	·5	·8	1·6	(...)	(·4)	(1.9)	(1.6)	1·1	...	...	·2	...	·5	·4	...	...	...	·1	...	...	·9	...	·1	10·5	8·2
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	·1	...	·5	...	1·3	1·3
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	1·1	1·7	2·4	3·2	2·1	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10·8	6·1
18	...	...	...	...	...	·3	...	·1	·1	...	·3	...	·1	...	...	...	...	...	...	...	...	...	...	...	0·9	1·4
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	·1	...	·7	·1	...	·2	1·9	·8	·3	1·0	2·3	2·2	·5	·5	·2	...	...	...	10·8	**9·2**
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	...	...	...	...	...	·1	·1	0·8	1·0
22	·1	...	...	...	...	...	...	...	·2	·4	·5	·1	...	...	...	...	...	...	...	...	...	...	...	...	1·3	2·2
23	·8	4·6	1·2	...	...	...	...	·1	·6	...	...	·1	·1	...	...	...	...	...	...	...	...	...	...	...	7·5	3·4
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	0·2	0·9
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·4	7·6	·8	...	...	...	·1	...	...	...	**12·8**	2·6
27	...	...	...	·9	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	·8	...	·1	·1	...	2·3	2·0
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	·3	·2	...	...	...	...	0·8	2·0
30	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·3
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	1·4	5·2	2·0	3·6	1·8	3·1	5·2	4·9	4·7	1·1	0·9	0·7	2·6	1·7	5·1	**8·9**	3·9	2·6	1·3	2·7	1·1	1·4	1·1	1·1	68·1	49·9
Total Duration.	hr. 2·4	hr. 2·3	hr. 1·0	hr. 1·9	hr. 1·2	hr. 1·6	hr. 1·6	hr. 3·0	hr. **4·5**	hr. 1·5	hr. 1·0	hr. 1·6	hr. 1·9	hr. 2·4	hr. 2·2	hr. 2·5	hr. 2·3	hr. 2·1	hr. 2·1	hr. 3·2	hr. 2·0	hr. 1·5	hr. 2·2	hr. 1·9	hr. 49·9	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–29	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

71. Aberdeen : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 13·4 metres + 0·6 metres. **November, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	·1	·3	1·2	1·0	1·5	2·2	1·7	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**8·6**	6·6
3	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	·2	·1	...	·2	...	...	...	...	...	...	0·6	1·8
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·9	...	...	...	...	0·9	0·6
6	·1	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·8
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	0·2	0·3
8	...	...	...	...	...	...	·4	...	...	·4	·1	·1	·9	...	...	...	·3	·6	(·5)	(·4)	(·4)	(·3)	(·2)	(·2)	(4·8)	(5·8)
9	(·2)	(·2)	(·1)	(·1)	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	...	...	...	(...)	(0·8)	(2·0)
10	(...)	(...)	(·1)	(...)	(·1)	(...)	(·1)	(1.3)	(·3)	...	·1	·2	...	...	...	...	1·1	...	...	...	...	...	...	...	(3·3)	(3·2)
11	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·3
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	·1	·1	·1	·1	...	...	...	...	...	...	...	...	·3	·1	...	...	...	...	...	...	...	0·8	1·5
24	...	...	...	...	...	...	...	...	...	...	...	...	·1	·3	...	...	...	...	...	...	...	...	·8	·3	1·5	1·8
25	·3	(·3)	(·3)	(·3)	(·3)	(·3)	(·3)	(...)	(·1)	(...)	(...)	(·1)	(·1)	(·1)	(...)	(...)	(·1)	(·2)	...	...	...	...	...	...	(2·8)	(5·5)
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·2	0·6	0·8
27	·1	1·1	·2	(1.2)	(·4)	(·6)	(·2)	(·4)	(·3)	(·3)	(·2)	(·2)	(·1)	(·1)	(·2)	(·3)	(·4)	(·2)	(·1)	(·1)	(·2)	(·3)	(·3)	(·3)	(7·8)	**(10·1)**
28	(·3)	(·3)	(·3)	(·3)	(·3)	(·3)	(·3)	(·2)	(·1)	(...)	(...)	(·1)	(...)	(·1)	(...)	(·1)	(·2)	(·2)	(·7)	(·7)	...	...	...	...	(4·5)	(8·2)
29	...	(·1)	(·1)	...	...	...	...	...	...	...	(·6)	(·8)	(·6)	(·1)	...	...	(·1)	(·1)	...	...	...	...	...	...	(2·5)	(4·6)
30	...	...	2·5	...	·1	·1	·4	...	·2	·5	...	·1	...	·1	·9	·1	·6	·1	...	...	...	...	...	...	5·7	4·4
Sum.	1·0	2·4	3·9	3·2	2·4	2·9	**4·0**	3·7	1·6	1·2	1·0	1·7	1·8	0·8	1·3	0·9	2·9	1·6	1·3	2·2	0·8	0·6	1·7	1·0	45·9	58·3
Total Duration.	hr. 1·6	hr. 3·7	hr. 3·6	hr. 2·8	hr. 3·6	hr. 3·0	hr. **3·8**	hr. 3·5	hr. 2·7	hr. 1·4	hr. 1·7	hr. 2·7	hr. 2·4	hr. 1·5	hr. 1·2	hr. 1·9	hr. 3·3	hr. 2·5	hr. 2·4	hr. 2·8	hr. 1·5	hr. 1·0	hr. 2·1	hr. 1·6	hr. 58·3	

72. Aberdeen : H_r = 13·4 metres + 0·6 metres. **December, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	(...)	(...)	(...)	(·6)	(·6)	(·6)	(·6)	(...)	(...)	(...)	(·6)	(...)	(1.4)	(1.8)	(·3)	(·7)	(·3)	(·2)	(·2)	...	...	...	...	...	(7·9)	(7·4)
2	(...)	(·2)	(·3)	(·2)	(·3)	(·2)	(·2)	(...)	(...)	(...)	(·5)	(...)	(...)	(...)	(·1)	(·2)	(...)	(·1)	(...)	(·1)	(·1)	(·1)	(...)	(...)	(2·6)	(3·8)
3	(...)	(·1)	(...)	(·1)	(...)	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(0·3)	(0·6)
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	0·2	0·6
8	...	...	·1	...	...	...	...	...	·1	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	0·3	1·0
9	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	·2	...	·2	·5	...	...	...	...	1·0	1·3
10	·1	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·5
11	...	...	...	...	...	...	...	...	...	...	...	1·7	1·4	1·0	·4	...	...	...	·5	...	...	...	·1	...	5·1	3·0
12	...	·9	...	·1	...	...	...	·1	·1	·1	·4	·1	...	...	...	...	...	...	...	...	...	...	...	...	1·8	2·5
13	...	·1	...	...	...	...	...	...	...	(·1)	(·1)	(·1)	(...)	(·3)	(·1)	(·4)	(·3)	(·3)	(·1)	(...)	(...)	(·2)	(·2)	(·2)	(2·5)	(6·3)
14	(·6)	(·7)	(·8)	(·7)	(·8)	(·7)	(·1)	(...)	(...)	(...)	(·1)	(·1)	(...)	(...)	(...)	(·1)	(...)	(...)	(·1)	(·1)	(·1)	...	...	...	(5·0)	(7·0)
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·4
17	...	...	...	...	...	...	·1	·1	·8	·2	...	...	...	...	...	...	...	...	·2	·1	·3	·5	·6	(·5)	(3·4)	(5·8)
18	(·6)	(·6)	(·6)	(·5)	(·6)	(·6)	(·6)	(·4)	(·4)	(1.0)	(·7)	(·6)	(·2)	(·2)	(.2)	(·2)	(·2)	(·2)	(·3)	(·2)	...	...	...	...	**(8·9)**	**(19·5)**
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(...)	(·1)	(·1)	(·1)	(·1)	(·1)	(0·5)	(1·3)
20	(·1)	(·1)	(·1)	(·1)	(·1)	(·1)	(...)	(...)	(·1)	(...)	(...)	(...)	(...)	...	...	...	...	...	...	(·1)	(·1)	(·1)	(·2)	(·1)	(1·3)	(2·9)
21	(·2)	(·1)	(·2)	(·1)	(·3)	(·3)	(·3)	(·1)	(...)	(...)	(·2)	(·2)	(·2)	(·2)	(·1)	(...)	(...)	(·2)	(·1)	(·1)	(·2)	(·1)	(·1)	(·2)	(3·5)	(7·6)
22	(·1)	(·1)	(·2)	(·1)	(·1)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(0·6)	1·7)
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	(...)	(...)	(...)	(·1)	(·1)	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(0·3)	(0·9)
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	1·0	1·3	1·5
27	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·5
28	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	0·4	0·7
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·1	...	...	...	...	...	0·6	0·8
31	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·4
Sum.	2·2	3·2	2·4	2·6	2·9	2·7	2·1	0·7	1·5	1·4	2·6	2·8	3·2	**3·6**	1·2	1·7	1·0	1·5	1·8	1·3	0·9	1·1	1·8	2·3	48·5	78·0
Total Duration.	hr. 3·1	hr. **4·6**	hr. 3·9	hr. 4·2	hr. 4·1	hr. 3·8	hr. 3·6	hr. 1·9	hr. 2·3	hr. 2·1	hr. 4·0	hr. 4·0	hr. 2·6	hr. 3·1	hr. 2·3	hr. 3·5	hr. 2·8	hr. 3·6	hr. 3·8	hr. 3·3	hr. 2·2	hr. 2·1	hr. 3·2	hr. 3·9	hr. 78·0	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–5	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

For periods of sixty minutes, between the exact hours of Local Apparent Time.

73. Aberdeen : h_s (height of recorder above ground) = 20·7 metres. **January, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14	14 to 15	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
2	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
3	—	—	—	—	—	...	·1	·9	1·0	·4	·2	...	...	—	—	—	—	—	2·0	30
4	—	—	—	—	—	...	...	...	...	·4	·6	·1	...	—	—	—	—	—	1·1	16
5	—	—	—	—	—	...	·8	·9	1·0	1·0	·8	·6	...	—	—	—	—	—	5·1	75
6	—	—	—	—	—	...	·8	1·0	1·0	·7	·5	...	...	—	—	—	—	—	4·0	58
7	—	—	—	—	—	...	...	·1	...	·8	...	·5	...	—	—	—	—	—	1·4	20
8	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
9	—	—	—	—	—	...	·6	1·0	1·0	1·0	1·0	·4	...	—	—	—	—	—	5·0	71
10	—	—	—	—	—	...	·1	1·0	1·0	1·0	·3	...	...	—	—	—	—	—	3·4	49
11	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
12	—	—	—	—	—	...	...	...	...	·3	...	...	...	—	—	—	—	—	0·3	4
13	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
14	—	—	—	—	—	...	·7	1·0	1·0	1·0	·6	...	...	—	—	—	—	—	4·3	60
15	—	—	—	—	—	...	·5	·9	1·0	1·0	1·0	·9	...	—	—	—	—	—	5·3	73
16	—	—	—	—	—	...	...	...	...	...	...	·1	...	—	—	—	—	—	0·1	1
17	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
18	—	—	—	—	—	...	...	...	...	...	·6	...	...	—	—	—	—	—	0·6	8
19	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
20	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
21	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
22	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
23	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
24	—	—	—	—	—	...	...	·2	·1	·2	·8	·1	...	—	—	—	—	—	1 4	18
25	—	—	—	—	—	...	...	...	...	·1	1·0	·9	...	—	—	—	—	—	2·0	25
26	—	—	—	—	—	...	...	·3	·3	·2	·4	·1	...	—	—	—	—	—	1·3	16
27	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
28	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
29	—	—	—	—	...	...	...	...	3	1·0	·9	·8	...	...	—	—	—	—	3·0	37
30	—	—	—	—	...	...	·3	...	·6	...	...	...	...	...	—	—	—	—	0·9	11
31	—	—	—	—	...	·3	1·0	1·0	1·0	1·0	·9	1·0	·4	...	—	—	—	—	**6·6**	**80**
Sum.	—	—	—	—	...	0·3	4·9	8·3	8·7	**10·1**	9·6	5·5	0·4	...	—	—	—	—	47·8	—
Mean.	—	—	—	—	...	·01	·16	·27	·28	**·33**	·31	·18	·01	...	—	—	—	—	1·54	21

74. Aberdeen : h_s = 20·7 metres. **February, 1925.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	...	·2	1·0	1·0	·8	1 0	1·0	1·0	·1	...	—	—	—	—	6·1	73
2	—	—	—	—	...	·5	·6	·9	·5	...	·5	·8	·1	...	—	—	—	—	3·9	46
3	—	—	—	—	...	...	...	·9	1·0	·6	·6	·8	·1	...	—	—	—	—	4·0	47
4	—	—	—	—	...	·1	·9	1·0	·7	·2	...	...	...	...	—	—	—	—	2·9	34
5	—	—	—	—	...	...	·4	1·0	1·0	·9	·9	·8	·7	...	—	—	—	—	5·7	66
6	—	—	—	—	...	·1	·1	...	·8	·7	...	...	...	...	—	—	—	—	1·7	20
7	—	—	—	—	...	·6	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	—	—	—	—	6·9	78
8	—	—	—	—	...	·6	·5	·3	·3	·8	·4	...	...	...	—	—	—	—	2·9	33
9	—	—	—	—	...	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	...	—	—	—	—	6·8	76
10	—	—	—	—	...	...	...	...	...	·2	·6	·8	·3	...	—	—	—	—	1·9	21
11	—	—	—	—	...	...	·1	...	...	...	...	...	...	...	—	—	—	—	0·1	1
12	—	—	—	—	...	·1	·5	·7	...	...	...	·1	·2	...	—	—	—	—	1·6	17
13	—	—	—	—	...	...	...	...	...	...	...	...	·3	...	—	—	—	—	0·3	32
14	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
15	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
16	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
17	—	—	—	—	...	...	...	·2	·4	...	...	...	...	...	—	—	—	—	0·6	6
18	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
19	—	—	—	—	...	·1	·5	·9	·9	·9	·2	·1	...	...	—	—	—	—	3·6	37
20	—	—	—	—	...	·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	...	—	—	—	—	7·4	76
21	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
22	—	—	—	—	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·1	—	—	—	—	**8·3**	**83**
23	—	—	—	—	...	...	·1	...	...	...	...	...	...	...	—	—	—	—	0·1	1
24	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
25	—	—	—	...	...	...	...	...	·2	...	·9	·7	·2	...	...	—	—	—	2·0	20
26	—	—	—	...	...	...	...	...	...	...	...	...	·2	...	...	—	—	—	0·2	2
27	—	—	—	...	...	·1	·2	...	·1	...	·1	...	...	...	...	—	—	—	0·5	5
28	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
Sum.	—	—	—	...	0·2	4·8	8·9	**10·9**	10·7	9·3	9·2	8·9	4·5	0·1	...	—	—	—	67·5	—
Mean.	—	—	—	...	·01	·17	·32	**·39**	·38	·33	·33	·32	·16	·00	...	—	—	—	2·41	26
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	18 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

75. Aberdeen : h_s (height of recorder above ground) = 20·7 metres. **March, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	...	...	...	...	...	...	·4	·4	·2	...	...	...	—	—	—	1·0	9
2	—	—	—	...	...	...	...	...	·1	·1	·1	...	...	...	...	—	—	—	0·3	3
3	—	—	—	...	...	·1	·8	...	·1	...	·1	...	·2	...	...	—	—	—	1·3	12
4	—	—	—	...	...	...	...	·1	·1	·6	·2	...	·1	...	...	—	—	—	1·1	10
5	—	—	—	...	...	...	·3	·4	...	...	·3	·3	·4	...	...	—	—	—	1·7	16
6	—	—	—	...	...	...	...	...	·4	·4	·2	·3	·1	...	...	—	—	—	1·4	13
7	—	—	—	...	·7	1·0	1·0	·9	1·0	1·0	1·0	1·0	·9	·8	...	—	—	—	9·3	84
8	—	—	—	...	...	·2	·9	·2	·9	·7	·3	·7	·6	·2	...	—	—	—	4·7	42
9	—	—	—	...	·4	·7	·2	·2	·3	·6	·4	·7	·7	·6	...	—	—	—	4·8	43
10	—	—	—	...	...	·2	...	...	·4	·5	...	...	...	...	...	—	—	—	1·1	10
11	—	—	—	...	·9	1·0	1·0	·4	...	·3	·1	·6	1·0	·9	·2	—	—	—	6·4	56
12	—	—	—	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	...	—	—	—	**9·8**	**85**
13	—	—	—	...	...	...	...	...	...	...	...	·3	·8	·7	...	—	—	—	1·8	16
14	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
15	—	—	—	...	...	...	...	...	...	...	...	...	·3	·2	...	—	—	—	0·5	4
16	—	—	—	...	...	...	...	...	·2	·3	...	...	·5	·6	...	—	—	—	1·6	14
17	—	—	—	...	...	...	...	...	...	...	·8	·7	·4	...	...	—	—	—	1·9	16
18	—	—	—	...	·6	·4	·8	·4	...	...	...	...	...	...	...	—	—	—	2·2	18
19	—	—	—	...	...	...	...	...	...	·2	...	...	...	...	...	—	—	—	0·2	2
20	—	—	...	...	...	·8	·7	·7	·8	·7	·6	·2	·3	...	·1	...	—	—	4·9	40
21	—	—	...	·3	·9	1·0	·9	·7	1·0	·7	·8	·9	·8	...	...	...	—	—	8·0	66
22	—	—	...	·4	1·0	·6	·7	1·0	1·0	·7	·7	·2	...	...	...	...	—	—	6·3	51
23	—	—	...	...	...	...	...	...	...	·2	...	·5	·5	·3	...	...	—	—	1·5	12
24	—	—	...	·4	·6	...	·5	1·0	·9	·9	·4	·9	·9	·5	...	...	—	—	7·0	56
25	—	—	...	...	·1	·2	·4	·6	·5	·9	1·0	·9	·3	·5	·1	...	—	—	5·5	44
26	—	—	...	...	·8	·7	·2	·1	...	...	·1	·1	...	·1	...	...	—	—	2·1	17
27	—	—	...	·1	1·0	1·0	1·0	·1	·2	·1	...	·4	...	...	...	...	—	—	3·9	31
28	—	—	...	...	...	1·0	1·0	·8	·1	...	...	...	...	...	...	...	—	—	2·9	23
29	—	—	...	...	...	·3	·8	·3	·1	...	...	...	...	...	...	...	—	—	1·5	12
30	—	—	...	·4	1·0	·7	·7	1·0	1·0	·2	·1	...	·1	...	...	...	—	—	5·2	40
31	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
Sum.	—	—	...	1·7	9·0	10·9	**12·9**	9·9	10·1	10·5	8·6	9·9	9·9	6·1	0·4	...	—	—	99·9	—
Mean.	—	—	...	·05	·29	·35	**·42**	·32	·33	·34	·28	·32	·32	·20	·01	...	—	—	3·22	27

76. Aberdeen : h_s = 20·7 metres. **April, 1925.**

Hour. L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	·8	·1	...	...	...	...	—	—	7·7	59
2	—	—	...	...	...	...	...	...	...	...	·3	·3	·9	·9	·5	...	—	—	2·9	22
3	—	—	...	·9	1·0	1·0	1·0	1·0	·9	·4	·5	·2	·4	·2	...	...	—	—	7·5	56
4	—	—	...	...	...	...	...	...	...	·3	·6	...	...	...	...	...	—	—	0·9	7
5	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
6	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
7	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
8	—	—	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	—	—	0·2	1
9	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
10	—	—	...	...	...	·2	·9	1·0	1·0	·9	·8	1·0	1·0	1·0	...	...	—	—	7·8	57
11	—	—	...	...	·3	1·0	1·0	1·0	1·0	1·0	·4	...	...	...	...	...	—	—	5·7	41
12	—	—	...	·3	·9	1·0	1·0	·8	·5	1·0	1·0	1·0	1·0	1·0	·7	...	—	—	10·2	73
13	—	—	...	...	...	·1	·2	...	...	...	·6	·9	1·0	1·0	·8	·4	—	—	5·0	35
14	—	...	·3	1·0	1·0	1·0	·9	·6	·4	·8	·3	·3	·9	·9	·6	...	...	—	9·0	64
15	—	...	·2	·4	...	...	·9	·1	...	...	...	...	...	...	·6	·4	...	—	2·6	18
16	—	...	...	·1	1·0	1·0	·9	1·0	·9	·8	·6	·9	·4	...	...	...	...	—	7·6	53
17	—	...	...	...	·2	1·0	·9	·9	·8	·7	·7	·4	·4	...	...	...	...	—	6·0	42
18	—	...	...	...	...	...	...	...	...	...	...	...	·2	...	·1	...	...	—	0·3	2
19	—	...	...	...	·2	·2	·1	...	·1	·8	·7	·8	·8	·7	·9	·8	...	—	6·1	42
20	—	...	·1	·1	·5	1·0	·6	·7	·3	·2	·7	·9	·9	1·0	1·0	·3	...	—	8·3	57
21	—	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	·5	...	...	...	—	10·4	71
22	—	...	...	...	...	...	·1	·1	...	...	...	...	...	...	...	...	...	—	0·2	1
23	—	...	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·6	·6	·5	·7	...	—	12·4	**83**
24	—	...	·4	·1	·5	...	·3	·9	·6	·4	·4	·5	·8	·7	·4	·1	...	—	6·1	41
25	—	...	...	·4	·6	·9	·2	...	...	·3	·8	·8	·3	·2	·4	·4	...	—	5·3	35
26	—	...	·2	·2	·3	·3	·5	·2	·6	·7	·8	·4	·2	...	...	...	...	—	4·4	29
27	—	...	·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	1·0	1·0	·2	...	—	**12·5**	82
28	—	...	·2	·3	·8	1·0	·5	·7	1·0	·9	·6	·6	...	...	...	...	...	—	6·6	43
29	—	...	...	·2	·4	1·0	1·0	·9	·6	...	·2	...	...	...	...	...	...	—	4·3	28
30	—	...	...	...	...	·4	1·0	·9	1·0	·9	·2	·3	·7	·9	·7	...	...	—	7·0	45
Sum.	—	...	3·0	7·8	11·7	15·1	**16·2**	14·8	13·7	14·1	14·0	12·4	12·1	10·6	8·2	3·3	...	—	157·0	—
Mean.	—	...	·10	·26	·39	·50	**·54**	·49	·46	·47	·47	·41	·40	·35	·27	·11	...	—	5·23	37

For periods of sixty minutes, between the exact hours of Local Apparent Time.

77. Aberdeen : h_s (height of recorder above ground) = 20·7 metres. **May, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	...	·7	·6	1·0	·7	·8	·2	·7	·5	·7	1·0	·6	·3	·4	·9	·1	—	9·2	59
2	—	...	·8	1·0	·9	·7	1·0	1·0	1·0	·9	·5	·1	·5	...	·1	...	...	—	8·5	55
3	—	...	·1	·9	·7	·9	·2	·4	·4	...	...	·1	...	...	...	...	...	—	3·7	24
4	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
5	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
6	—	...	...	...	...	...	...	...	...	·5	1·0	1·0	1·0	1·0	·5	...	...	—	5·0	32
7	—	...	...	...	·1	·3	1·0	1·0	1·0	·6	...	...	·1	...	...	...	...	—	4·1	26
8	—	...	...	...	...	...	...	...	...	·2	1·0	·9	·7	·2	...	...	...	—	3·0	19
9	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
10	...	...	...	...	·4	·6	·7	·1	·8	1·0	·6	·2	...	·1	...	...	...	...	4·5	28
11	...	...	...	...	...	...	...	...	...	...	·2	·5	·7	·9	·8	1·0	·6	...	4·7	29
12	...	...	...	·5	1·0	1·0	·7	·2	·7	·8	·4	...	...	...	...	...	...	...	5·3	33
13	...	·4	1·0	1·0	1·0	1·0	1·0	·9	1·0	1·0	·7	·5	...	...	...	...	...	...	9·5	58
14	...	...	...	...	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	...	...	12·0	73
15	...	...	...	...	...	...	...	...	...	...	...	·3	·5	·2	...	...	...	...	1·0	6
16	...	...	...	...	...	·3	·5	·8	...	·2	...	·1	...	...	...	...	...	...	1·9	12
17	...	...	·3	·6	·6	·3	·8	·5	·8	·8	1·0	·9	1·0	1·0	·7	...	...	...	9·3	56
18	...	...	...	...	...	...	...	...	...	...	·5	...	·6	...	...	...	...	...	1·1	7
19	...	...	·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	1·0	·6	·9	·6	·2	...	...	11·4	68
20	...	...	...	...	...	·5	·5	·9	1·0	1·0	1·0	1·0	1·0	·4	·5	·1	...	...	7·9	47
21	...	·2	...	...	·3	·4	1·0	1·0	1·0	1·0	·8	1·0	1·0	1·0	1·0	·9	...	...	10·6	63
22	...	...	...	·1	·8	·7	1·0	1·0	·8	·6	...	...	...	...	...	...	...	...	5·0	30
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	·3	·4	·3	...	...	...	...	...	...	...	...	...	1·0	6
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	·1	·9	·9	·8	·3	...	...	·4	1·0	·5	1·0	·6	...	...	...	...	6·5	38
27	...	...	...	...	...	...	...	...	...	...	·1	·9	·7	·9	1·0	1·0	·9	...	5·5	32
28	...	...	...	...	...	...	...	·5	·9	·1	·5	·6	·5	·9	·9	·2	...	...	5·6	33
29	...	...	...	...	...	·1	·8	·8	·9	1·0	·8	1·0	·9	·8	...	...	...	...	7·1	41
30	...	·9	·8	1·0	1·0	1·0	1·0	1·0	1·0	·6	·9	·7	·7	·6	·9	·6	·2	...	**12·9**	**75**
31	...	...	...	...	...	...	...	·3	·1	·7	·4	·9	·8	·5	·8	·5	...	...	5·0	29
Sum.	...	1·5	4·7	7·6	10·7	11·3	13·6	13·0	**14·4**	13·9	13·8	14·2	13·9	11·3	9·2	6·4	1·8	...	161·3	—
Mean.	...	·05	·15	·25	·35	·36	·44	·42	**·46**	·45	·45	·46	·45	·36	·30	·21	·06	...	5·20	32

78. Aberdeen : h_s = 20·7 metres. **June, 1925.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	...	...	·2	·9	1·0	1·0	1·0	1·0	·9	·6	·9	·6	...	·5	...	·2	·3	...	9·1	52
2	...	·4	·5	·2	1·0	·9	·6	·4	·2	·8	·4	...	·5	·7	·3	·1	·1	...	7·1	41
3	...	...	·1	...	...	...	...	...	...	...	·2	...	...	·1	...	...	...	...	0·4	2
4	...	...	...	·2	...	·9	1·0	1·0	·9	1·0	1·0	·9	·9	·2	·5	...	...	...	8·5	49
5	...	·4	·9	·9	1·0	·9	·7	·7	1·0	·9	·9	·7	·6	·9	·3	·1	...	...	10·9	62
6	...	...	...	...	...	...	...	·9	·9	·3	...	·3	·4	·1	·8	1·0	1·0	·1	5·8	33
7	...	...	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·1	**15·0**	**85**
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	·1	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	...	11·7	66
10	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	...	...	...	13·0	73
11	...	...	·7	·7	·9	·6	·7	...	·2	...	...	...	...	...	·9	·4	...	...	5·1	29
12	...	...	...	...	...	·4	·4	·4	·5	1·0	1·0	·5	·4	·6	1·0	1·0	1·0	...	8·2	46
13	...	·1	...	...	1·0	·8	·6	...	...	...	·2	·6	·2	·1	·2	...	...	...	3·8	21
14	...	·3	·5	·5	·6	·1	·9	·9	1·0	·8	·8	·6	·2	·1	·1	...	...	...	7·4	42
15	...	...	...	...	·1	·1	·3	·5	·4	·4	·5	·4	...	...	...	...	...	...	2·7	15
16	...	·1	·8	·4	·3	·3	·1	...	·1	...	...	·4	...	...	...	·6	·4	...	3·5	20
17	...	·5	·9	·8	1·0	·9	·7	·9	1·0	1·0	·9	·8	·9	1·0	·6	·1	·2	...	12·2	69
18	...	·1	·4	·3	·1	·1	...	·2	·6	·7	1·0	1·0	·9	1·0	1·0	1·0	1·0	·3	9·7	54
19	...	·2	·8	·3	·5	·7	·1	·1	...	...	·1	...	...	...	...	...	...	...	2·8	16
20	...	...	...	...	...	·2	·2	·1	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	9·7	54
21	...	·2	·4	·3	...	...	...	...	·6	·3	·5	·1	·1	·1	...	...	...	...	2·6	15
22	...	...	...	...	...	...	...	·1	...	...	·1	·1	...	·7	·3	...	...	...	1·3	7
23	...	...	...	·1	...	...	...	...	...	...	·2	·7	·9	...	·4	·2	...	...	2·5	14
24	...	...	·1	...	...	...	·3	·1	·7	1·0	1·0	1·0	1·0	1·0	1·0	·9	...	...	8·1	45
25	...	...	...	...	...	·5	·4	...	...	·1	·1	...	...	...	...	...	...	...	1·1	6
26	...	...	·1	·1	·1	...	...	·1	·1	·2	·5	·4	·5	...	·6	·2	...	...	2·9	16
27	...	...	...	...	...	...	...	...	...	...	·1	·1	·6	·9	·9	·3	·2	...	3·1	17
28	...	·1	...	...	...	·1	...	...	...	...	...	...	...	...	·1	...	...	...	0·3	2
29	...	...	...	...	·3	·9	·8	·8	·2	·7	·5	·4	...	...	...	...	...	...	4·6	26
30	...	...	...	·1	·7	1·0	1·0	1·0	·9	1·0	·5	·1	·5	·5	...	...	...	...	7·3	41
Sum.	...	2·5	8·3	7·8	10·7	13·3	12·8	12·2	14·0	14·8	**15·4**	13·7	12·6	12·5	12·9	9·1	6·9	0·9	180·4	—
Mean.	...	·08	·28	·26	·36	·44	·43	·41	·47	·49	**·51**	·46	·42	·42	·43	·30	·23	·03	6·01	34
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	11 to 11.	11 to Noon	Noon to 13	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

79. Aberdeen : h_s (height of recorder above ground) = 20·7 metres. **July, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	·2	·1	·4	·8	·8	1·0	1·0	1·0	1·0	1·0	·6	·4	·2	...	8·5	48
3	...	...	...	...	...	...	...	...	·5	·6	·7	·2	·5	·4	·9	·8	·4	...	5·0	28
4	...	·8	·9	1·0	·8	1·0	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	·6	...	...	...	13·0	73
5	...	·3	1·0	1·0	1·0	·9	...	·5	·9	·9	1·0	1·0	1·0	·6	...	...	...	...	10·1	57
6	...	...	...	·3	·7	·5	...	·2	...	...	...	...	...	...	...	...	...	...	1·7	10
7	...	...	...	...	...	·1	·7	·9	·9	·3	·2	·3	·6	·2	·3	...	·1	...	4·6	26
8	...	·9	1·0	1·0	1·0	1·0	·8	·4	·3	·2	·1	·4	·7	·2	...	...	...	...	8·0	46
9	...	...	...	...	·1	·4	·5	·1	...	·2	·2	·4	·1	...	...	...	...	...	2·0	11
10	...	...	...	·1	·4	...	·1	·8	·6	·9	1·0	·9	·8	1·0	1·0	·4	...	...	8·0	46
11	...	...	...	...	·1	·2	·6	·8	·2	·7	·9	·6	·7	·8	·7	·4	·4	...	7·1	41
12	...	·4	1·0	1·0	1·0	1·0	1·0	·2	...	...	...	...	...	...	...	...	...	...	5·6	32
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	·5	·4	·8	1·0	1·0	·5	·3	...	·1	...	...	...	...	4·6	27
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	0·1	1
16	...	...	·2	·8	·4	·1	·2	·2	...	·9	·5	...	...	...	...	...	...	...	3·3	19
17	...	·4	·1	·1	·1	·4	·5	·5	·1	...	...	...	...	...	...	...	...	...	2·2	13
18	...	...	...	...	·2	·2	·3	1·0	1·0	·3	...	...	·8	·6	·2	...	...	...	4·6	27
19	...	...	...	...	...	...	...	...	...	...	...	...	·3	·6	1·0	·5	·4	...	2·8	16
20	...	...	·4	1·0	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	1·8	11
21	...	...	...	...	·9	1·0	·9	·9	1·0	1·0	·9	1·0	1·0	1·0	1·0	·8	·2	...	11·6	69
22	...	...	...	...	·4	1·0	1·0	1·0	1·0	1·0	·9	·3	·2	...	...	...	...	...	6·8	40
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	·1	...	...	0·4	2
24	...	...	...	...	...	...	...	...	...	·5	1·0	1·0	1·0	1·0	1·0	1·0	...	...	6·5	39
25	...	...	...	...	...	...	...	·1	·5	·6	·1	·4	·2	...	·1	...	...	...	2·0	12
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	·5	·6	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	...	**14·4**	**87**
28	...	...	...	...	...	·5	1·0	1·0	1·0	1·0	·4	·6	...	·4	·2	·1	...	...	6·2	38
29	...	...	...	...	·1	...	...	...	·2	...	...	...	...	...	...	...	...	...	0·3	2
30	...	...	...	·2	·3	·7	·3	·2	·2	·4	·2	·2	...	...	...	...	...	...	2·7	17
31	...	...	...	...	...	·3	·6	·5	·1	·1	·2	...	·1	·1	·3	...	...	...	2·3	14
Sum.	...	3·3	5·2	7·4	9·1	10·9	11·3	12·9	12·3	**13·5**	11·8	10·6	11·0	10·0	9·3	5·5	2·1	...	146·2	—
Mean.	...	·11	·17	·24	·29	·35	·36	·42	·40	**·44**	·38	·34	·35	·32	·30	·18	·07	...	4·72	28

80. Aberdeen : h_s = 20·7 metres. **August, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	...	...	·1	·1	·3	·1	·2	...	·1	·1	·3	...	·1	...	...	...	...	...	1·4	9
2	...	...	·1	...	·1	...	...	·2	·1	...	·7	·7	·9	·6	·8	·7	...	...	4·9	30
3	—	...	...	·4	·3	...	·1	...	·1	·2	...	...	...	...	·5	·3	...	—	1·9	12
4	—	...	...	...	...	...	...	·2	...	...	...	·2	...	...	...	...	...	—	0·4	3
5	—	...	...	...	...	...	...	·3	·3	·6	1·0	·4	·6	·1	...	...	...	—	3·3	21
6	—	...	...	...	·1	·3	1·0	1·0	·9	·2	...	...	...	·2	·4	·1	...	—	4·2	26
7	—	...	·5	·2	·2	...	·1	...	...	·3	...	·1	...	·1	...	...	...	—	1·5	9
8	—	...	·8	·3	...	·4	·7	·5	·4	1·0	·9	·9	·9	1·0	1·0	·4	...	—	9·2	59
9	—	...	...	...	...	...	...	...	·2	·9	·8	·9	·4	1·0	1·0	·9	·2	—	6·3	40
10	—	...	...	...	·9	1·0	1·0	1·0	1·0	1·0	1·0	...	...	·2	1·0	·8	·3	—	9·2	59
11	—	...	...	·2	·6	·6	·3	·5	·1	·3	·9	·2	·8	·6	·1	...	...	—	5·2	34
12	—	...	...	...	...	...	...	...	...	...	·5	1·0	1·0	·9	·8	...	...	—	4·6	30
13	—	...	...	...	·1	·5	·5	...	...	...	...	...	...	...	...	...	...	—	1·1	7
14	—	...	·1	·7	·5	·1	·6	...	·5	·6	·7	1·0	1·0	·2	·1	·1	...	—	6·2	41
15	—	...	...	...	...	...	...	·5	1·0	·7	·9	·9	1·0	1·0	1·0	1·0	·1	—	8·1	53
16	—	...	...	...	·2	·9	·9	·9	·9	·9	·9	1·0	1·0	1·0	·4	·9	...	—	**9·9**	**66**
17	—	...	...	...	...	...	...	...	·5	·6	·2	...	...	...	...	...	...	—	1·3	9
18	—	...	...	...	...	...	...	·3	·5	·9	1·0	1·0	·9	·2	·1	...	...	—	4·9	33
19	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
20	—	...	...	...	...	·1	·9	·8	...	·9	1·0	1·0	1·0	1·0	·6	...	...	—	7·3	49
21	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
22	—	...	...	...	·4	·1	·3	·7	·4	·3	·4	·9	·7	·5	...	...	...	—	4·7	32
23	—	...	...	...	...	·1	...	·1	...	·3	...	...	...	...	...	...	...	—	0·5	3
24	—	...	...	...	...	...	...	·1	...	...	·1	...	...	...	·5	...	...	—	0·7	5
25	—	...	·5	1·0	1·0	1·0	1·0	·3	·2	...	·1	·2	·7	1·0	·8	·3	...	—	8·1	56
26	—	...	...	·7	1·0	·6	·2	·1	·6	...	...	...	...	...	...	·4	...	—	3·6	25
27	—	...	...	...	...	...	...	...	...	...	·2	·7	·1	·6	·9	·4	...	—	2·9	20
28	—	...	·5	1·0	1·0	1·0	1·0	·9	·8	...	·6	·1	·8	·7	·7	...	...	—	9·1	64
29	—	...	·3	·6	·9	·6	·4	·2	·1	·1	·4	·5	·8	·3	·2	·3	...	—	5·7	40
30	—	—	·5	·1	·1	·3	...	...	...	...	...	...	...	...	...	...	—	—	1·0	7
31	—	—	...	...	...	...	...	...	·3	·7	...	...	...	...	...	...	—	—	1·0	7
Sum.	...	...	3·4	5·3	7·7	7·7	9·2	8·6	9·0	10·6	12·6	11·7	**12·7**	11·2	10·9	7·0	0·6	...	128·2	—
Mean.	...	...	·11	·17	·25	·25	·30	·28	·29	·34	·41	·38	**·41**	·36	·35	·23	·02	...	4·14	27
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

81. Aberdeen : h_s (height of recorder above ground) = 20·7 metres. **September, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	·1	·7	1·0	·6	·8	·9	·9	·9	·2	·1	·1	...	·4	·1	—	—	6·8	49
2	—	—	...	·1	·1	...	...	...	...	...	...	...	...	...	...	...	—	—	0·2	1
3	—	—	...	·2	1·0	1·0	·6	·7	·8	·2	·8	·9	·9	·3	·2	...	—	—	7·6	55
4	—	—	...	·5	·8	·8	·6	...	·2	...	...	...	...	·3	·1	·1	—	—	3·4	25
5	—	—	...	...	...	...	...	·1	...	·1	...	·8	·1	...	...	...	—	—	1·1	8
6	—	—	...	·1	·4	·5	...	...	·1	·1	·1	...	1·0	1·0	·5	...	—	—	3·8	28
7	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
8	—	—	·1	·3	...	...	·7	·5	...	...	·1	...	·4	...	...	...	—	—	2·1	16
9	—	—	...	...	...	...	...	·2	...	...	...	...	...	·2	...	...	—	—	0·4	3
10	—	—	...	·5	1·0	·9	·8	·6	1·0	1·0	·9	·4	·8	·1	...	...	—	—	8·0	61
11	—	—	...	·1	·7	·1	·2	·2	·1	·9	1·0	·9	·6	·2	...	...	—	—	5·0	38
12	—	—	...	·1	·6	·8	...	·1	...	...	...	·2	·2	1·0	·6	...	—	—	3·6	28
13	—	—	...	·3	·6	·3	·8	1·0	·9	1·0	·1	·1	1·0	1·0	·5	...	—	—	7·6	59
14	—	—	...	...	...	...	·3	·2	...	...	...	...	...	...	...	...	—	—	0·5	4
15	—	—	...	...	...	·4	1·0	1·0	1·0	·1	·6	·7	·6	...	...	...	—	—	5·4	42
16	—	—	...	...	...	...	...	·4	·6	...	·1	·1	·2	·6	...	...	—	—	2·0	16
17	—	—	...	·5	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	...	...	...	...	—	—	6·8	54
18	—	—	...	...	...	·9	·9	·8	·2	·7	1·0	·2	1·0	·8	·5	...	—	—	7·0	56
19	—	—	...	...	...	·2	·3	·4	·7	...	...	...	...	...	...	...	—	—	1·6	13
20	—	—	...	...	...	·3	·5	·4	·7	·3	·6	·7	·3	·8	·4	...	—	—	5·0	40
21	—	—	...	·6	·4	·2	...	...	...	...	·1	·4	·1	·5	...	...	—	—	2·3	19
22	—	—	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	—	—	0·1	1
23	—	—	...	...	·7	·1	·7	·7	·7	·7	·4	·2	·3	·2	...	...	—	—	4·7	39
24	—	—	—	...	·2	...	...	·8	·6	·1	·1	...	...	·1	...	—	—	—	1·9	16
25	—	—	—	...	·4	·6	·4	·8	1·0	·6	·5	·3	...	...	...	—	—	—	4·6	38
26	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
27	—	—	—	·2	·3	·5	·8	·9	·5	·5	·8	·8	·8	·4	...	—	—	—	6·5	55
28	—	—	—	...	...	...	...	...	·3	...	·2	·1	·2	·1	...	—	—	—	0·9	8
29	—	—	—	...	...	...	...	...	...	...	...	...	·1	·5	...	—	—	—	0·6	5
30	—	—	—	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·1	...	—	—	—	**8·2**	**71**
Sum.	—	—	0·2	4·2	9·4	10·2	11·4	**12·7**	12·3	9·3	8·9	7·9	9·6	8·2	3·2	0·2	—	—	107·7	—
Mean.	—	—	·01	·14	·31	·34	·38	**·42**	·41	·31	·30	·26	·32	·27	·11	·01	—	—	3·59	28

82. Aberdeen : h_s = 20·7 metres. **October, 1925.**

Hour. L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	...	·3	·2	·9	·9	·2	·9	1·0	1·0	1·0	·3	...	—	—	—	6·7	58
2	—	—	—	...	...	...	·1	...	...	·9	·4	·1	·4	...	...	—	—	—	1·9	17
3	—	—	—	...	...	...	...	·4	·6	·5	...	...	...	...	...	—	—	—	1·5	13
4	—	—	—	...	·3	1·0	·9	·9	·6	·8	·8	1·0	·9	·4	...	—	—	—	7·6	67
5	—	—	—	...	...	...	...	·4	·6	·1	·1	·1	...	...	...	—	—	—	1·3	12
6	—	—	—	...	·1	...	·1	...	·7	·6	1·0	1·0	1·0	·2	...	—	—	—	4·7	42
7	—	—	—	...	·5	·8	·1	·6	·6	·2	·3	·1	·2	·5	...	—	—	—	3·9	35
8	—	—	—	...	·8	·2	1·0	1·0	1·0	·5	·1	·2	...	...	...	—	—	—	4·8	44
9	—	—	—	...	·7	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	...	—	—	—	**8·8**	**81**
10	—	—	—	...	·6	1·0	1·0	1·0	·1	...	·2	...	...	...	...	—	—	—	3·9	36
11	—	—	—	...	...	...	·1	...	...	...	...	...	...	...	...	—	—	—	0·1	1
12	—	—	—	...	·1	·4	·7	...	·2	·3	...	·1	...	...	...	—	—	—	1·8	17
13	—	—	—	...	·1	...	·4	·2	·9	·4	·6	·6	·5	·1	...	—	—	—	3·8	36
14	—	—	—	...	...	·5	·9	·5	·6	1·0	·5	·7	·2	·1	...	—	—	—	5·0	48
15	—	—	—	...	·6	·9	1·0	1·0	1·0	·8	·5	·7	1·0	·4	...	—	—	—	7·9	77
16	—	—	—	...	·6	1·0	1·0	1·0	1·0	·7	·7	·9	1·0	·3	...	—	—	—	8·2	80
17	—	—	—	...	...	...	...	...	1·0	·5	·7	·8	·2	·1	...	—	—	—	3·3	32
18	—	—	—	—	...	·3	·7	·5	·8	·7	·6	·9	·9	·5	—	—	—	—	5·9	58
19	—	—	—	—	·4	1·0	1·0	1·0	1·0	·8	·7	...	...	...	—	—	—	—	5·9	59
20	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
21	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
22	—	—	—	—	...	...	...	...	...	·4	·4	·7	...	...	—	—	—	—	1·5	15
23	—	—	—	—	...	...	...	...	...	...	·5	·3	...	...	—	—	—	—	0·8	8
24	—	—	—	—	·1	·2	·1	·6	·6	1·0	·1	·8	·3	·1	—	—	—	—	3·9	41
25	—	—	—	—	...	...	·1	·3	·6	·4	·9	·9	·8	·3	—	—	—	—	4·3	45
26	—	—	—	—	...	...	...	·1	·1	...	...	...	...	...	—	—	—	—	0·2	2
27	—	—	—	—	...	...	·1	·7	1·0	·7	·3	·8	·1	...	—	—	—	—	3·7	39
28	—	—	—	—	·1	·8	1·0	1·0	1·0	1·0	·9	·9	·1	...	—	—	—	—	6·8	73
29	—	—	—	—	...	·9	·9	·1	·8	·2	...	...	...	...	—	—	—	—	2·9	31
30	—	—	—	—	...	...	...	·1	...	...	...	...	...	...	—	—	—	—	0·1	1
31	—	—	—	—	...	·4	·9	·5	·7	·5	...	...	...	...	—	—	—	—	3·0	33
Sum.	—	—	—	...	5·3	9·8	14·0	13·8	**16·7**	14·9	12·3	13·6	9·6	4·2	...	—	—	—	114·2	—
Mean.	—	—	—	...	·17	·32	·45	·45	**·54**	·48	·40	·44	·31	·14	...	—	—	—	3·68	36

For periods of sixty minutes, between the exact hours of Local Apparent Time.

83. Aberdeen : h_s (height of recorder above ground) = 20·7 metres. **November, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
2	—	—	—	—	...	...	...	...	...	·1	·8	1·0	·4	...	—	—	—	—	2·3	26
3	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
4	—	—	—	—	...	...	...	·2	·9	1·0	·9	1·0	·6	...	—	—	—	—	4·6	52
5	—	—	—	—	...	...	...	·2	...	...	...	·1	...	...	—	—	—	—	0·3	3
6	—	—	—	—	...	...	...	·1	·1	...	...	...	...	...	—	—	—	—	0·2	2
7	—	—	—	—	...	·6	·7	·7	·5	·3	·1	...	...	...	—	—	—	—	2·9	34
8	—	—	—	—	...	...	...	·6	1·0	·4	·4	·3	·4	...	—	—	—	—	3·1	36
9	—	—	—	—	...	...	·4	·8	1·0	1·0	1·0	1·0	·7	...	—	—	—	—	5·9	70
10	—	—	—	—	...	...	...	·5	·4	1·0	·9	·2	·8	...	—	—	—	—	3·8	46
11	—	—	—	—	...	·7	1·0	1·0	1·0	·6	1·0	·4	·3	...	—	—	—	—	6·0	72
12	—	—	—	—	...	...	1·0	1·0	1·0	1·0	1·0	·9	...	...	—	—	—	—	5·9	72
13	—	—	—	—	...	...	·9	1·0	1·0	1·0	1·0	1·0	...	...	—	—	—	—	5·9	73
14	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
15	—	—	—	—	—	...	1·0	1·0	·8	·9	·2	...	...	—	—	—	—	—	3·9	49
16	—	—	—	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	·5	—	—	—	—	—	**6·3**	**80**
17	—	—	—	—	—	...	...	·2	·5	1·0	·7	·3	...	—	—	—	—	—	2·7	34
18	—	—	—	—	—	...	·9	1·0	1·0	1·0	1·0	1·0	...	—	—	—	—	—	5·9	76
19	—	—	—	—	—	...	·4	·4	·1	·7	·7	...	...	—	—	—	—	—	2·3	30
20	—	—	—	—	—	...	...	...	...	·4	1·0	1·0	...	—	—	—	—	—	2·4	32
21	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
22	—	—	—	—	—	...	·1	...	·7	1·0	1·0	·8	...	—	—	—	—	—	3·6	48
23	—	—	—	—	—	·3	1·0	·8	·6	·7	·8	·1	...	—	—	—	—	—	4·3	57
24	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
25	—	—	—	—	—	...	·2	·9	·9	·7	·1	·4	...	—	—	—	—	—	3·2	43
26	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
27	—	—	—	—	—	...	...	·2	·2	·5	·5	·1	...	—	—	—	—	—	1·5	21
28	—	—	—	—	—	...	...	·3	·1	·3	·9	·1	...	—	—	—	—	—	1·7	24
29	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
30	—	—	—	—	—	...	...	·3	·3	...	...	...	...	—	—	—	—	—	0·6	8
Sum.	—	—	—	—	...	1·6	8·4	12·2	13·1	14·6	**15·0**	10·7	3·7	...	—	—	—	—	79·3	—
Mean.	—	—	—	—	...	·05	·28	·41	·44	·49	**·50**	·36	·12	...	—	—	—	—	2·64	33

84. Aberdeen : h_s = 20·7 metres. **December, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	—	...	·1	...	·1	·4	...	...	...	—	—	—	—	—	0·6	8
2	—	—	—	—	—	...	·1	...	·2	·7	·1	...	...	—	—	—	—	—	1·1	16
3	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
4	—	—	—	—	—	...	·1	1·0	1·0	1·0	1·0	·5	...	—	—	—	—	—	**4·6**	**67**
5	—	—	—	—	—	...	...	...	·2	·9	·4	...	...	—	—	—	—	—	1·5	22
6	—	—	—	—	—	...	·2	·4	·9	·7	...	...	...	—	—	—	—	—	2·2	32
7	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
8	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
9	—	—	—	—	—	...	...	·1	...	...	...	...	...	—	—	—	—	—	0·1	1
10	—	—	—	—	—	...	...	...	...	·1	...	...	...	—	—	—	—	—	0·1	1
11	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
12	—	—	—	—	—	...	·1	·1	·6	·2	...	...	...	—	—	—	—	—	1·0	15
13	—	—	—	—	—	...	...	...	...	...	·8	·4	...	—	—	—	—	—	1·2	18
14	—	—	—	—	—	...	...	·2	·6	·7	·9	·3	...	—	—	—	—	—	2·7	41
15	—	—	—	—	—	...	...	·1	·3	·6	...	...	...	—	—	—	—	—	1·0	15
16	—	—	—	—	—	...	...	...	·1	1·0	1·0	·3	...	—	—	—	—	—	2·4	36
17	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
18	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
19	—	—	—	—	—	...	...	·9	1·0	1·0	1·0	·4	...	—	—	—	—	—	4·3	65
20	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
21	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
22	—	—	—	—	—	...	...	...	·6	·9	...	...	...	—	—	—	—	—	1·5	23
23	—	—	—	—	—	...	·6	·1	·8	·5	...	...	...	—	—	—	—	—	2·0	31
24	—	—	—	—	—	...	·6	1·0	·4	...	...	·1	...	—	—	—	—	—	2·1	32
25	—	—	—	—	—	...	·7	1·0	·6	·7	...	·2	...	—	—	—	—	—	3·2	48
26	—	—	—	—	—	...	...	...	...	·2	...	...	...	—	—	—	—	—	0·2	3
27	—	—	—	—	—	...	·1	...	·1	·9	1·0	·1	...	—	—	—	—	—	2·2	33
28	—	—	—	—	—	...	...	·1	...	...	...	...	...	—	—	—	—	—	0·1	2
29	—	—	—	—	—	...	...	...	...	·3	...	...	...	—	—	—	—	—	0·3	5
30	—	—	—	—	—	...	...	·4	·5	...	...	...	...	—	—	—	—	—	0·9	14
31	—	—	—	—	—	...	...	·8	·9	1·0	1·0	·4	...	—	—	—	—	—	4·1	61
Sum.	—	—	—	—	—	...	2·6	6·2	8·9	**11·8**	7·2	2·7	...	—	—	—	—	—	39·4	—
Mean.	—	—	—	—	—	...	·08	·20	·29	**·38**	·23	·09	...	—	—	—	—	—	1·27	19
Annual Totals.	...	7·3	24·8	41·8	73·8	95·9	126·2	135·5	143·9	**147·4**	138·4	121·8	100·0	74·2	54·1	31·5	11·4	0·9	1328·9	—
Annual Mean.	...	·02	·07	·11	·20	·26	·35	·37	·39	**·40**	·38	·33	·27	·20	·15	·09	·03	·00	3·64	30
Hour. L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

Direction expressed in degrees from North (E=90°, S=180°, W=270°, N=360°) : Speed in metres per second.

85. Aberdeen : H_a (height of cups of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	200	5·9	210	6·6	210	7·2	210	5·6	180	2·6	200	2·6	210	5·2	190	3·3	170	3·3	180	3·6	200	5·9	190	3·6
2	220	9·5	240	10·2	240	12·8	250	11·1	250	11·1	250	9·5	250	5·9	230	4·3	200	3·6	200	2·6	170	2·3	160	2·3
3	220	5·9	220	3·9	230	2·6	270	2·3	260	3·3	280	5·6	290	4·9	250	4·9	240	2·3	180	1·6	220	5·6	210	4·6
4	230	3·3	—	1·3	190	1·6	220	2·0	—	0·7	—	1·3	—	1·3	—	0·7	290	2·6	290	3·3	270	3·6	280	3·0
5	240	2·3	—	1·3	230	2·3	220	2·0	220	2·3	—	0·7	160	2·3	240	2·0	240	3·6	230	3·6	250	4·3	250	4·6
6	310	6·2	310	5·6	300	8·2	310	6·2	300	6·6	310	5·9	300	5·9	300	6·6	310	5·9	280	2·6	280	3·3	270	4·3
7	200	1·6	220	2·0	220	3·0	260	2·3	240	2·0	240	3·9	250	4·3	240	3·9	230	3·0	250	3·3	190	3·3	220	2·3
8	220	4·9	220	4·9	230	6·2	230	6·2	220	5·6	230	5·2	220	3·9	210	4·6	220	3·9	200	3·3	190	3·0	180	2·6
9	270	4·9	310	12·5	320	9·8	320	9·2	320	6·9	310	7·9	300	6·2	300	6·6	300	5·9	290	4·9	290	5·9	290	5·2
10	—	1·3	220	2·6	210	3·0	200	2·3	220	3·0	210	1·6	200	1·6	190	3·0	190	2·3	220	3·9	220	4·6	220	5·6
11	200	1·6	200	1·6	290	1·6	250	2·3	270	2·0	220	1·6	210	2·0	210	3·3	220	3·3	220	3·9	210	3·3	240	3·3
12	210	3·0	200	1·6	210	2·3	200	2·6	200	2·0	210	3·0	210	3·0	210	3·0	210	2·6	220	3·6	210	3·6	160	2·6
13	180	4·3	170	3·9	180	4·3	190	3·9	190	4·9	210	3·3	190	4·3	190	5·2	200	5·2	190	5·2	190	4·9	170	4·6
14	180	9·2	180	8·5	180	8·2	180	9·5	180	8·9	180	8·5	200	8·9	220	7·9	250	11·1	240	11·5	230	8·9	230	8·9
15	210	3·9	220	4·9	230	5·2	230	5·6	230	4·9	240	3·9	260	3·6	250	4·6	240	3·3	200	2·0	220	2·3	250	3·0
16	230	4·9	240	6·2	250	5·9	—	1·3	240	2·0	260	3·6	260	5·6	—	1·0	—	1·0	190	1·6	—	1·0	—	0·3
17	210	2·3	230	3·9	230	3·3	230	3·0	230	3·9	230	3·6	220	3·6	210	2·3	190	1·6	200	2·6	190	1·6	210	2·0
18	220	5·6	200	3·6	210	4·3	200	2·6	190	2·6	—	1·0	210	3·9	230	7·9	230	7·2	220	9·5	220	7·9	220	8·2
19	300	3·6	290	3·0	—	1·0	290	2·3	290	2·0	—	1·0	—	0·7	—	1·3	280	2·0	290	2·3	290	1·6	—	1·3
20	170	4·6	170	4·3	180	4·3	170	3·6	170	3·6	170	3·0	180	2·6	200	2·6	190	1·6	200	2·3	200	2·6	220	2·3
21	170	3·6	180	3·3	180	2·6	170	3·6	170	3·6	180	3·6	170	3·6	180	3·9	180	3·6	170	3·9	170	4·6	180	4·9
22	170	5·9	170	5·6	170	5·6	170	5·2	160	5·9	180	5·9	180	5·6	170	5·6	170	3·9	170	5·2	170	5·6	180	5·6
23	170	3·0	190	2·6	190	2·6	180	2·6	180	2·3	190	1·6	190	1·6	—	1·0	—	0·3	—	1·0	—	1·3	310	2·0
24	310	2·3	310	1·6	—	0·7	—	0·7	—	1·0	310	2·3	310	3·0	310	3·0	300	1·6	310	2·6	310	3·0	310	2·6
25	290	3·3	290	3·6	290	3·3	290	3·0	290	2·0	290	1·6	—	1·0	—	1·3	—	1·3	300	2·6	310	2·6	310	1·6
26	140	2·6	140	2·0	130	3·0	100	4·3	160	3·0	170	1·6	—	1·3	140	2·3	130	4·6	130	5·2	140	3·6	140	3·6
27	160	4·9	160	4·3	160	5·2	150	6·2	140	6·6	150	6·2	150	5·6	150	6·6	150	4·9	150	6·2	150	5·9	150	6·2
28	170	3·3	200	1·6	180	2·0	170	3·3	200	2·3	210	2·3	200	2·6	190	2·6	190	3·3	180	3·6	200	3·6	190	3·6
29	240	2·3	230	3·3	200	1·6	210	2·6	200	3·9	200	4·6	210	6·2	200	7·9	190	7·5	200	6·2	240	5·9	250	7·2
30	260	6·6	250	6·6	260	7·9	270	7·9	260	6·6	260	7·5	260	5·2	250	4·9	250	4·6	240	4·9	230	3·9	230	4·6
31	260	12·5	270	10·5	280	9·8	280	9·2	280	8·2	280	5·6	270	5·6	260	6·2	260	5·2	260	6·6	260	6·6	270	6·2
Mean ...	—	4·5	—	4·4	—	**4·6**	—	4·3	—	4·1	—	3·9	—	3·9	—	4·0	—	**3·7**	—	4·0	—	4·1	—	4·0

86. Aberdeen : H_a = 13 metres + 23 metres.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	290	9·5	290	6·9	280	5·6	280	6·6	290	6·9	290	7·2	290	6·6	290	5·9	290	6·9	290	8·2	300	9·5	300	9·8
2	230	2·6	220	2·0	210	4·3	210	3·9	210	3·0	200	2·3	200	2·3	200	4·3	210	3·3	220	7·2	220	8·2	210	6·6
3	220	3·6	210	3·6	220	3·0	210	4·9	210	5·2	220	5·2	210	4·6	210	3·9	210	3·6	200	3·6	210	4·9	220	6·9
4	260	4·3	250	4·3	250	6·2	250	4·9	230	3·9	240	4·3	230	2·6	240	2·6	210	2·6	200	3·0	170	2·0	200	3·3
5	210	6·9	200	7·2	210	8·2	230	9·8	240	8·2	250	4·9	270	4·6	270	5·9	270	5·6	260	5·6	260	6·6	260	7·5
6	230	2·6	230	2·3	240	2·6	250	3·6	240	3·3	220	2·3	230	2·0	240	2·3	220	2·0	210	3·0	—	0·7	190	1·0
7	290	2·6	280	2·6	300	3·6	300	5·9	290	5·2	300	5·6	300	4·6	320	4·6	320	5·9	320	4·9	310	5·9	300	4·3
8	190	8·2	190	8·2	190	6·2	200	4·9	200	4·6	210	3·9	210	3·0	210	2·3	200	1·6	200	2·3	190	3·3	190	2·3
9	260	6·6	250	6·6	260	7·9	260	6·6	260	7·2	250	7·9	260	6·9	250	5·9	250	7·9	250	8·2	250	7·2	260	9·2
10	200	3·6	210	5·6	220	7·2	230	5·6	220	5·6	240	6·6	230	6·6	220	7·2	210	7·5	200	7·9	210	7·9	210	8·9
11	210	5·2	210	6·2	220	4·9	220	5·9	220	4·3	220	4·9	230	3·6	240	5·2	240	4·3	220	3·0	230	2·3	—	1·3
12	—	0·7	—	1·0	—	1·3	250	1·6	240	2·6	240	3·3	240	3·3	230	4·3	230	3·6	220	4·9	230	4·9	230	4·6
13	210	2·6	190	1·6	230	2·3	—	1·0	—	1·0	—	1·3	—	1·3	150	1·6	140	3·9	120	6·2	110	6·2	100	7·9
14	300	3·3	300	3·0	300	2·6	300	2·6	310	3·6	310	3·0	310	3·3	340	2·3	340	2·0	350	3·0	10	3·9	50	5·6
15	160	7·2	160	7·2	150	9·5	150	8·9	160	7·9	170	6·6	160	6·9	160	6·9	150	6·6	150	5·6	150	4·6	160	3·0
16	50	4·9	40	4·6	30	5·2	20	4·3	360	5·2	350	4·6	350	4·3	340	3·9	340	3·3	340	5·2	330	6·2	330	5·9
17	320	6·6	320	6·6	320	7·5	320	7·2	310	6·9	320	6·9	320	5·9	330	5·9	340	4·6	340	5·9	340	4·9	340	5·6
18	340	4·9	340	4·3	330	3·9	340	4·9	330	3·9	320	3·6	320	4·6	330	4·3	320	4·3	330	5·6	320	4·9	310	5·2
19	300	4·9	300	5·6	310	5·2	310	5·2	320	3·6	310	4·9	310	6·2	310	6·2	310	5·2	310	5·9	310	6·6	320	6·6
20	300	3·0	300	3·3	290	3·0	300	3·0	290	2·6	—	1·3	—	1·0	290	1·6	—	1·0	220	1·6	—	1·3	200	3·3
21	170	4·6	180	3·9	180	4·3	190	3·6	190	4·6	190	3·0	190	4·3	180	5·2	180	5·6	180	5·6	180	5·9	180	6·2
22	—	1·0	—	1·0	—	1·3	260	1·6	—	1·3	250	1·6	260	1·6	—	1·3	—	0·7	—	1·0	—	1·0	170	3·0
23	170	8·2	160	9·2	160	9·2	160	9·8	150	10·5	160	10·5	150	9·8	150	9·2	150	10·2	160	8·2	150	8·9	150	9·8
24	150	9·5	140	9·5	160	5·9	170	4·9	170	4·3	170	4·3	180	3·9	180	5·6	150	7·9	140	11·8	140	11·8	140	11·5
25	120	11·1	110	11·5	110	10·2	110	9·8	100	7·9	90	9·5	80	8·9	60	7·2	50	4·3	—	1·0	230	3·3	220	3·0
26	120	9·5	100	8·9	110	9·8	100	10·2	110	7·9	120	5·6	120	5·6	120	6·2	100	5·9	80	8·2	70	7·2	80	8·9
27	110	3·9	110	5·6	110	5·6	110	4·6	100	4·9	100	4·9	100	4·6	100	5·2	90	5·2	80	4·6	60	5·6	70	4·6
28	50	7·9	40	6·2	50	7·2	30	4·3	30	5·9	40	6·9	30	3·6	40	7·5	30	8·2	40	9·5	40	9·8	30	9·2
Mean ...	—	5·3	—	5·3	—	5·5	—	5·4	—	5·1	—	4·9	—	**4·5**	—	4·8	—	4·8	—	5·4	—	5·6	—	5·9
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 13 metres + 23 metres.

January, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m s.	°	m s.	°	m/s.	m s.	
170	6·6	180	6·6	220	7·9	210	9·8	200	7·5	190	6·6	220	7·2	230	8·2	230	7·9	220	8·9	210	8·5	220	9·2	6·2	1
130	4·9	70	4·9	350	3·3	320	4·6	310	3·0	290	3·6	290	3·9	280	3·3	260	4·9	240	4·3	230	3·9	210	4·6	5·6	2
210	3·3	170	2·3	220	2·6	260	6·2	250	6·2	240	3·9	240	7·9	240	6·9	250	5·6	220	3·6	220	3·9	220	3·9	4·3	3
290	5·6	270	3·9	270	3·0	260	1·6	240	3·6	240	3·0	240	2·6	250	2·0	290	1·6	290	1·6	—	1·0	230	3·3	2·4	4
240	4·3	240	3·3	250	4·6	250	3·9	250	3·0	250	5·6	260	4·9	260	4·9	260	5·6	290	5·6	300	7·9	310	6·9	3·7	5
250	4·6	240	3·9	230	3·9	220	3·3	220	3·9	230	5·2	210	4·9	200	4·6	210	3·6	210	2·6	210	2·3	210	2·0	4·8	6
210	4·3	240	3·0	190	2·3	—	1·3	240	2·6	220	1·6	240	2·3	180	3·0	210	2·0	220	4·3	220	3·9	220	3·3	2·8	7
200	2·3	200	6·2	210	5·6	200	5·9	200	5·2	210	4·9	200	1·6	190	2·3	170	2·0	200	2·6	200	2·3	200	2·0	4·1	8
290	4·6	280	3·3	270	3·3	270	3·3	270	3·6	250	3·3	240	3·3	220	2·3	220	2·3	220	4·9	220	3·3	220	2·3	5·2	9
210	3·6	220	5·9	200	4·6	220	4·9	190	2·6	230	5·6	210	3·3	200	3·3	200	1·6	210	3·0	210	2·6	200	3·3	3·3	10
230	4·3	220	2·3	210	2·6	210	3·0	220	4·6	220	3·3	220	4·9	220	2·3	200	3·0	190	3·0	200	2·6	210	3·0	2·9	11
200	2·6	200	3·3	200	4·3	210	3·0	200	2·0	200	2·6	190	3·9	190	4·6	190	3·3	180	3·3	200	2·3	190	2·6	3·0	12
170	2·3	200	5·6	190	4·6	170	5·2	160	7·5	160	7·5	170	7·9	170	8·5	170	9·8	170	10·5	170	9·8	180	9·8	5·8	13
230	9·8	230	9·2	220	8·9	220	8·2	220	8·2	220	6·6	220	6·2	220	6·6	230	6·2	220	4·9	210	4·9	210	4·3	**8·2**	14
260	3·3	240	4·6	240	3·9	230	3·0	210	3·0	190	2·6	220	4·3	210	3·3	190	2·6	190	3·3	190	1·6	240	4·3	3·6	15
200	2·0	220	1·6	200	2·0	220	3·0	230	3·6	240	3·3	—	1·3	210	3·6	220	3·3	210	3·0	210	3·9	220	1·6	2·8	16
220	3·0	180	2·3	210	4·3	230	6·6	210	5·2	210	3·9	210	5·9	210	3·6	200	3·3	210	4·6	200	3·0	200	3·3	3·4	17
220	5·9	230	8·2	240	7·2	230	5·6	230	3·3	230	3·3	260	2·6	280	2·0	280	1·6	280	2·0	290	3·3	290	2·3	4·7	18
—	1·0	150	3·3	150	3·6	150	4·6	150	4·3	150	4·9	150	4·9	160	3·9	160	4·9	170	5·2	160	5·2	170	4·3	3·0	19
200	3·0	190	3·6	200	2·3	200	2·3	200	3·0	200	2·3	200	2·6	200	2·3	210	3·3	200	2·0	180	3·9	170	3·3	3·0	20
180	4·6	180	3·9	180	3·9	180	3·9	180	3·6	180	3·6	190	4·9	200	2·3	200	3·3	170	3·0	170	4·3	170	6·2	3·8	21
180	5·6	170	4·9	170	5·6	180	4·9	180	4·6	170	4·6	180	3·9	200	3·6	190	2·6	180	2·6	170	3·3	160	3·6	4·9	22
310	2·3	310	3·3	300	4·9	310	5·2	300	5·6	300	4·3	300	3·9	320	4·3	310	4·9	300	3·9	310	4·6	310	3·9	3·0	23
310	3·3	310	2·0	300	1·6	—	1·0	310	2·3	300	2·6	310	2·6	300	2·3	310	2·6	300	3·6	290	2·6	300	3·3	**2·3**	24
120	2·3	120	3·9	130	3·3	140	3·9	130	3·9	130	4·3	130	3·6	130	4·6	120	5·2	120	6·2	120	5·6	130	4·3	3·2	25
140	4·9	140	4·9	150	5·9	140	5·9	150	3·9	160	3·6	150	6·2	150	5·9	150	5·2	150	5·6	160	5·6	180	3·0	4·1	26
140	7·2	160	4·9	150	5·6	160	3·9	160	4·6	150	3·9	170	3·6	170	3·6	150	4·9	160	3·9	160	4·3	170	3·6	5·1	27
190	3·3	190	3·0	190	2·0	200	2·3	180	2·0	180	2·6	190	2·6	190	2·6	190	2·3	200	1·6	210	2·3	220	2·0	2·6	28
260	9·2	270	8·2	260	8·5	260	6·9	260	5·9	260	5·2	260	5·9	250	6·2	260	7·2	260	6·9	250	6·6	260	6·2	5·8	29
220	5·2	210	4·9	190	2·6	200	3·9	200	4·6	200	3·3	220	6·9	210	6·2	220	4·6	240	8·9	250	11·5	250	12·5	6·0	30
270	5·6	260	5·2	260	3·9	260	3·9	230	1·6	220	1·6	280	1·6	270	2·3	280	4·6	290	6·2	290	5·6	300	8·9	6·0	31
—	4·3	—	4·4	—	4·3	—	4·4	—	4·1	—	4·0	—	4·3	—	4·0	—	4·1	—	4·4	—	4·4	—	4·4	4·2	—

February, 1925.

°	m/s.	°	m/s.	°	m/s.	°	m s.	°	m/s.	°	m/s.	°	m/s.	°	m s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
310	10·8	310	10·5	300	11·1	290	6·9	290	4·9	270	3·0	280	3·3	260	2·6	250	4·6	240	2·6	240	3·3	220	2·6	6·6	1
220	4·3	280	6·2	280	3·3	250	3·6	260	2·3	250	3·0	—	1·3	230	2·0	250	3·3	240	2·3	220	3·0	210	2·0	3·6	2
210	6·6	210	7·9	220	6·9	240	6·2	270	7·9	280	3·9	260	5·9	280	5·9	280	4·3	260	4·3	260	5·2	260	3·6	5·0	3
190	4·3	200	4·6	210	4·6	220	3·9	200	4·6	210	6·2	190	4·3	200	6·6	220	9·8	220	12·1	210	7·5	200	5·9	4·9	4
270	5·9	260	8·2	260	6·6	260	4·6	260	3·9	240	3·0	240	3·9	240	3·9	230	3·6	220	3·3	240	4·9	220	3·6	5·7	5
220	3·3	220	3·0	220	3·3	220	3·3	210	2·0	—	1·3	—	1·3	320	5·9	310	5·2	300	4·9	290	3·9	290	4·9	**2·9**	6
280	3·6	280	2·0	240	2·0	200	2·0	200	2·3	190	3·0	180	3·3	190	5·2	190	5·9	190	7·5	190	7·9	180	8·9	4·5	7
190	2·6	210	3·6	210	5·2	200	3·0	—	1·3	320	8·9	300	6·6	280	6·9	270	5·2	260	4·9	250	4·9	260	3·9	4·6	8
260	7·5	260	7·5	260	4·6	250	4·9	250	3·9	220	3·0	230	3·3	230	3·9	210	2·6	190	2·3	180	1·6	180	3·0	5·7	9
220	9·8	230	9·8	240	12·5	250	11·5	240	8·5	230	7·2	240	6·9	220	6·2	230	5·9	240	6·6	230	3·6	220	4·6	7·2	10
—	1·3	—	1·0	170	2·3	200	3·3	180	2·3	180	2·6	210	1·6	—	1·3	—	1·0	—	1·3	—	1·3	—	1·0	3·1	11
200	3·6	200	3·6	230	6·6	280	4·6	210	1·6	210	2·6	190	2·0	210	2·6	220	4·9	240	3·3	220	3·3	210	3·3	3·2	12
110	8·5	140	6·6	180	3·9	210	2·3	210	2·0	190	2·0	210	3·0	210	2·0	—	1·3	—	0·7	300	2·0	300	2·0	3·1	13
40	4·9	40	6·6	50	8·9	60	6·9	70	5·9	60	4·9	80	3·6	80	4·6	120	6·2	120	5·9	140	3·6	160	7·5	4·4	14
140	3·0	140	3·6	110	4·9	140	4·6	120	7·2	120	7·2	120	7·5	120	6·9	130	3·9	90	5·2	80	5·2	70	5·6	6·1	15
330	6·2	330	6·2	330	5·2	350	5·6	330	5·2	330	6·6	330	7·2	340	5·9	340	5·6	330	5·9	330	6·6	330	6·6	5·4	16
340	5·2	10	4·6	360	4·6	360	5·2	360	4·9	350	4·3	360	4·3	360	5·2	350	3·9	340	3·3	350	3·9	350	4·3	5·4	17
320	5·2	320	6·9	310	6·9	310	6·9	310	6·2	310	4·9	300	4·3	300	5·6	310	4·9	300	5·2	300	5·9	300	5·6	5·1	18
320	6·2	320	5·2	320	5·9	310	3·3	310	4·3	330	3·0	310	3·6	310	3·6	300	2·3	300	3·0	300	3·3	300	2·6	4·7	19
180	3·9	180	3·6	180	3·9	180	3·0	180	3·3	180	3·3	180	4·3	180	4·6	180	5·2	180	3·9	190	4·6	180	3·0	3·0	20
190	4·9	180	4·3	190	4·6	190	3·3	200	3·0	200	2·6	220	2·0	230	1·6	—	1·3	260	2·3	—	0·7	—	0·7	3·7	21
180	3·3	180	3·9	160	3·3	170	3·6	180	3·6	170	3·6	170	4·6	170	5·9	170	5·9	160	7·9	160	8·2	170	6·9	3·1	22
150	10·5	150	9·2	160	8·9	160	8·5	150	8·2	140	9·8	160	7·5	150	6·9	150	8·2	140	8·9	150	9·5	150	9·8	9·1	23
130	12·1	130	11·5	130	12·5	130	12·8	130	12·1	130	11·5	130	9·5	130	10·8	120	11·5	120	12·5	120	10·2	120	12·8	**9·5**	24
190	3·0	170	4·3	150	3·6	150	4·3	140	5·6	140	6·2	140	6·6	130	6·6	130	5·9	120	7·2	120	7·9	110	7·9	6·6	25
80	8·9	90	7·9	150	6·2	160	5·2	140	3·6	120	3·6	120	4·6	130	5·6	150	2·0	140	2·6	130	6·2	100	4·9	6·5	26
60	5·2	40	5·2	40	6·6	70	6·2	50	6·9	60	11·1	60	8·9	50	8·5	40	6·6	30	5·6	30	4·9	50	6·6	5·9	27
20	8·2	20	7·2	20	7·5	20	7·5	10	6·6	30	7·5	20	6·9	30	7·9	20	7·9	10	6·9	10	6·9	10	5·9	7·2	28
—	5·8	—	5·9	—	**5·9**	—	5·3	—	4·8	—	5·0	—	4·7	—	5·2	—	5·0	—	5·1	—	5·0	—	5·0	5·2	—
13		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°) : Speed in metres per second.

87. Aberdeen : H_a (height of cups of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	10	6·2	360	4·9	10	5·9	10	6·9	10	5·6	10	6·6	10	6·6	360	5·9	360	4·3	10	6·6	20	6·6	20	6·2
2	350	3·6	350	3·9	350	3·9	340	4·6	350	3·6	350	3·6	330	2·6	350	3·9	350	2·6	10	2·0	340	3·0	360	3·3
3	350	2·0	330	4·3	330	3·6	340	2·6	330	3·3	340	3·0	340	3·6	330	4·6	330	4·3	340	3·6	360	3·0	10	3·0
4	300	3·0	300	3·3	290	3·3	290	3·0	290	4·3	300	5·2	300	4·9	290	4·3	300	4·3	310	6·2	310	5·2	320	6·2
5	280	5·9	290	6·2	280	3·9	270	4·3	280	4·9	240	3·3	260	3·3	240	2·3	240	2·3	280	5·6	280	7·5	280	6·6
6	310	7·2	320	8·2	300	6·9	300	4·6	300	5·6	310	5·9	300	7·5	290	5·6	290	4·6	280	3·6	300	3·9	290	5·6
7	290	4·9	290	7·5	290	5·2	280	5·6	290	5·9	300	9·5	290	8·5	290	8·2	300	10·2	300	9·8	300	9·5	300	10·5
8	280	3·9	280	4·9	300	4·3	310	8·2	310	7·5	330	5·9	350	5·9	350	6·9	340	6·6	340	7·2	340	7·2	320	9·2
9	300	8·5	290	9·5	300	9·5	300	11·1	300	10·8	300	9·2	300	8·2	310	8·9	320	9·5	320	8·9	320	8·2	320	8·2
10	310	5·2	310	5·9	310	6·2	310	5·2	310	5·9	300	6·6	310	5·6	300	3·9	290	3·6	290	5·2	300	3·3	270	2·6
11	—	0·7	—	0·7	—	1·3	110	2·3	—	1·0	310	2·6	300	3·9	310	3·3	300	3·6	310	4·9	310	4·9	320	4·6
12	350	3·3	360	3·6	20	3·3	50	4·9	60	4·3	320	2·0	310	2·6	300	2·6	300	2·0	300	2·0	300	2·3	220	2·0
13	240	1·6	—	0·7	—	0·7	—	1·3	—	0·7	—	1·3	220	2·0	200	2·0	220	2·0	240	3·0	280	2·6	280	2·6
14	290	3·9	270	2·6	270	1·6	270	2·0	260	2·0	270	2·3	270	3·3	270	3·3	280	3·6	310	4·6	290	2·3	290	3·3
15	—	0·0	—	0·0	—	0·3	—	1·0	—	1·0	—	1·0	—	1·3	—	1·0	—	1·0	—	0·7	—	1·0	—	1·0
16	—	1·3	270	2·0	250	1·6	240	1·6	220	2·6	240	2·6	230	1·6	—	1·3	250	1·6	240	3·6	250	2·6	230	3·6
17	300	2·6	310	2·0	320	3·0	300	1·6	—	1·0	—	1·3	280	1·6	—	0·3	—	1·0	200	2·0	200	2·6	180	3·0
18	—	0·7	—	1·3	—	0·7	—	1·0	—	1·0	—	1·0	—	1·0	—	0·7	—	0·3	—	1·0	—	1·0	—	0·7
19	250	3·9	260	4·3	280	2·6	260	3·0	260	3·3	260	3·0	260	4·6	260	3·6	260	3·3	290	4·6	300	5·9	330	5·6
20	290	4·3	300	4·9	300	5·6	300	3·3	300	2·6	300	3·9	300	3·0	310	5·9	310	4·9	320	6·2	330	4·9	340	5·2
21	320	3·6	320	4·9	320	4·6	310	5·2	310	5·9	310	4·9	310	4·6	320	4·9	320	5·2	320	6·2	340	5·6	330	7·5
22	320	5·6	310	4·6	310	6·2	310	5·6	300	4·9	310	4·9	300	4·6	310	4·6	310	4·6	310	4·9	310	5·9	310	6·9
23	220	3·0	240	3·6	230	3·3	240	3·0	230	4·3	240	4·6	200	3·6	220	3·6	260	3·9	270	3·0	290	3·9	300	4·6
24	210	2·6	250	4·6	230	2·3	240	3·9	230	3·6	250	3·6	260	5·2	260	5·2	270	4·9	280	7·5	290	7·2	300	7·9
25	310	7·5	310	7·5	310	7·9	310	8·9	320	7·2	340	6·6	350	7·5	350	6·9	360	6·2	350	7·5	360	9·2	20	9·8
26	330	3·3	350	3·3	350	3·3	310	3·9	310	3·0	330	3·0	310	3·3	310	3·3	320	3·3	310	3·0	330	3·6	320	3·6
27	290	2·0	290	2·3	—	1·3	—	1·0	290	1·6	—	1·0	—	1·3	240	1·6	270	3·0	250	3·3	250	2·6	260	2·3
28	350	3·9	350	3·3	350	3·0	340	3·3	320	3·6	320	3·6	310	3·3	310	4·6	330	4·6	330	5·6	310	4·6	290	4·3
29	290	8·2	290	8·5	300	7·9	310	8·2	310	5·9	300	4·6	310	6·6	300	6·2	280	5·6	290	7·2	300	7·5	290	5·6
30	200	2·0	210	2·3	200	2·0	210	1·6	—	1·3	200	3·3	200	4·3	220	5·9	190	3·9	230	6·6	220	7·5	230	8·9
31	270	2·3	260	2·6	280	2·3	290	2·0	310	2·0	—	1·0	300	2·0	310	2·6	330	3·0	360	3·0	20	3·3	40	3·6
Mean ...	—	3·8	—	4·1	—	3·8	—	4·0	—	3·9	—	3·9	—	4·1	—	4·1	—	4·0	—	4·8	—	4·8	—	5·1

88. Aberdeen : H_a = 13 metres + 23 metres.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	330	3·6	320	4·3	320	3·9	300	3·6	280	2·6	280	2·6	290	3·9	260	2·6	250	3·9	240	4·3	220	3·9	220	4·3
2	220	7·9	220	7·2	230	8·9	230	8·9	230	7·9	250	6·2	270	2·6	280	2·3	310	5·2	330	3·3	340	4·9	340	4·6
3	300	5·9	300	6·6	310	4·3	300	4·9	290	3·0	300	3·3	300	4·6	290	4·6	300	4·3	300	4·3	300	3·3	290	2·6
4	200	2·6	210	4·3	210	2·3	190	4·3	190	3·0	180	3·3	190	4·6	190	5·6	180	4·6	190	5·6	190	6·6	190	5·9
5	150	8·9	150	7·2	150	8·5	150	7·2	150	7·5	150	6·6	160	7·2	160	5·2	170	5·9	160	5·9	150	7·5	150	7·2
6	140	4·9	140	5·2	120	4·3	110	4·3	110	4·9	100	4·6	110	5·9	120	6·2	120	7·9	130	6·9	130	6·6	130	7·5
7	180	2·3	—	1·3	—	0·7	—	0·7	—	1·0	—	0·3	—	0·0	—	1·0	—	1·0	—	1·3	50	1·6	50	2·0
8	—	0·7	—	0·7	—	0·7	—	0·3	—	0·7	—	1·0	—	0·7	—	0·7	—	0·7	130	2·0	150	2·3	130	2·6
9	160	2·0	180	2·0	170	2·0	150	2·6	150	2·0	150	3·9	140	2·6	140	3·9	140	3·9	150	3·9	150	3·3	160	3·0
10	80	2·6	100	2·3	90	2·3	—	1·3	—	1·0	—	0·7	—	1·0	110	1·6	140	1·6	140	2·6	160	2·6	130	2·6
11	—	0·3	—	0·3	—	0·0	—	1·3	—	1·0	—	1·0	—	0·0	—	0·7	110	1·6	120	3·3	130	3·3	130	3·9
12	180	2·0	—	1·3	200	2·0	200	2·0	200	2·3	220	2·3	200	1·6	170	2·6	190	3·0	160	3·9	170	3·6	190	3·9
13	—	1·0	—	1·0	200	2·0	180	2·6	180	2·3	180	3·6	180	3·3	180	5·2	170	4·6	180	6·2	190	5·9	190	4·3
14	240	3·0	260	2·3	230	2·0	230	2·3	—	1·0	220	1·6	—	1·3	240	3·3	260	3·6	260	3·6	260	3·0	270	3·3
15	150	8·5	160	7·5	190	4·9	210	3·9	210	3·9	200	3·6	220	3·3	220	4·9	230	3·3	260	7·2	260	9·2	260	8·5
16	190	3·9	180	3·0	130	2·3	60	4·3	30	4·3	350	3·6	330	4·9	330	5·9	330	7·2	320	9·8	310	9·5	320	7·9
17	300	3·6	300	6·6	290	5·2	280	4·9	280	4·6	280	3·9	270	4·3	270	4·3	290	6·2	300	8·2	300	6·2	290	6·9
18	—	1·0	90	1·6	50	2·3	30	1·6	30	3·0	40	3·6	40	4·6	20	3·9	30	6·9	40	7·2	40	7·2	40	7·9
19	340	3·3	330	3·6	330	3·3	310	3·0	330	4·3	330	3·9	350	3·9	350	4·3	20	4·6	360	3·6	360	4·6	350	4·3
20	—	1·3	—	0·7	—	1·0	—	1·0	—	1·0	300	3·3	290	2·3	—	1·3	310	4·6	320	5·2	330	5·9	330	5·6
21	—	1·3	—	1·0	—	1·3	—	1·3	230	2·0	220	3·6	210	3·6	190	3·3	190	3·6	180	4·9	180	5·2	180	5·6
22	220	5·2	220	3·6	210	4·3	210	2·3	—	0·7	—	0·7	—	1·3	220	2·0	200	2·3	190	3·3	200	4·3	170	3·9
23	240	4·6	240	4·6	250	6·6	240	4·9	240	4·9	240	5·6	240	6·9	240	6·6	250	6·6	250	7·2	250	7·5	250	6·6
24	240	3·9	240	3·3	230	3·9	190	1·6	—	1·0	230	2·3	230	3·0	250	3·9	240	3·0	260	3·3	260	5·6	290	5·9
25	240	3·9	250	3·6	250	3·6	260	2·3	240	1·6	220	3·0	210	2·3	240	3·6	250	3·9	290	3·9	290	4·6	270	3·9
26	300	7·5	300	6·9	290	5·2	290	4·9	290	5·6	300	7·2	300	6·9	300	7·9	310	6·6	320	7·9	320	7·9	330	6·2
27	350	2·3	350	2·3	10	2·3	50	3·3	60	3·9	70	3·6	80	4·3	90	5·6	100	4·3	90	3·9	90	4·3	80	3·9
28	30	3·6	10	2·6	350	2·0	330	1·6	330	2·0	350	2·6	30	3·0	40	3·9	60	3·9	80	4·3	100	3·0	120	2·6
29	—	1·0	—	1·0	—	1·3	—	1·0	—	1·0	—	0·3	—	1·0	160	2·6	150	3·0	140	3·6	130	3·6	120	3·6
30	20	1·6	50	2·6	30	2·0	10	2·3	360	1·6	350	2·3	20	3·9	40	4·9	40	4·6	60	5·6	90	4·9	110	3·0
Mean ...	—	3·5	—	3·3	—	3·2	—	3·0	—	**2·9**	—	3·1	—	3·3	—	3·8	—	4·2	—	4·9	—	5·1	—	4·8
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 13 metres + 23 metres.

March, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
20	8·2	30	8·5	20	7·2	20	6·9	20	7·5	20	6·6	20	7·2	30	9·5	30	8·5	10	6·9	10	6·2	10	4·9	6·7	1
360	3·6	10	4·9	360	3·9	350	3·0	350	2·6	340	3·9	340	3·6	320	3·3	340	3·0	310	2·0	340	2·3	330	3·0	3·4	2
10	3·3	360	3·9	360	2·6	350	1·6	330	2·3	330	2·6	320	2·3	300	2·3	300	2·3	290	1·6	290	3·3	290	3·3	3·0	3
320	8·5	320	6·9	310	6·2	310	7·2	310	6·9	300	4·9	300	4·3	300	4·9	310	5·6	280	3·3	290	3·9	270	3·3	5·0	4
290	7·5	290	7·2	280	6·2	290	7·9	280	7·9	280	7·2	290	7·9	290	6·9	290	5·9	310	4·6	310	4·9	310	8·5	5·7	5
310	5·9	310	5·9	310	6·6	300	5·6	300	6·2	280	3·3	300	3·3	280	4·6	300	8·5	290	7·5	290	8·2	280	4·3	5·9	6
300	9·2	300	9·2	300	7·2	280	5·9	280	4·3	280	3·9	270	4·3	280	3·9	270	4·6	290	4·9	280	4·6	290	3·9	6·7	7
310	8·5	310	8·2	320	9·2	320	8·9	320	5·2	330	6·2	310	6·9	310	7·2	300	7·9	300	8·2	300	9·5	310	10·5	7·1	8
320	8·9	320	8·5	320	8·5	330	7·5	330	6·9	320	5·9	330	6·2	320	5·6	340	5·2	330	5·9	330	5·9	320	4·9	**8·1**	9
280	2·0	—	1·3	190	1·6	—	1·3	260	2·3	—	1·0	—	1·0	—	1·3	—	1·3	—	0·7	—	1·0	—	0·7	3·2	10
320	3·9	330	3·9	330	3·6	350	3·6	350	3·3	350	3·0	350	3·9	330	3·3	330	3·0	310	3·3	340	3·3	350	3·3	3·1	11
310	2·0	—	1·3	200	2·0	200	2·3	240	3·0	—	1·3	240	2·3	—	1·0	—	0·3	—	0·7	—	1·0	—	0·7	2·3	12
290	3·3	280	3·0	280	3·6	290	4·9	290	4·6	280	3·0	270	2·6	270	3·6	270	3·3	270	2·6	280	4·3	270	3·0	2·5	13
300	3·9	320	3·3	310	3·3	310	3·9	320	3·3	320	2·6	—	1·3	340	2·3	330	2·6	330	2·0	—	1·3	40	1·6	2·8	14
—	0·7	—	1·3	—	1·3	330	2·3	—	1·3	—	0·7	—	1·3	—	1·0	—	1·0	280	1·6	260	2·0	—	1·0	**1·0**	15
240	3·0	250	2·6	290	4·9	280	3·6	290	5·9	270	3·0	270	2·3	320	3·0	330	2·6	340	2·6	—	1·3	280	1·6	2·6	16
180	2·6	180	3·3	190	3·3	200	3·3	180	2·0	200	3·3	300	2·0	—	1·3	—	0·7	—	1·3	250	1·6	—	1·0	2·0	17
—	0·7	—	0·7	—	1·0	270	2·3	260	2·0	250	1·6	—	1·0	280	1·6	260	2·0	260	2·6	250	3·3	250	2·6	1·3	18
350	3·6	330	3·6	310	5·6	320	5·2	320	4·9	320	4·3	300	1·6	310	3·9	310	4·3	300	3·0	290	2·3	290	2·3	3·9	19
320	4·9	330	4·3	350	4·6	320	3·6	310	3·6	330	3·3	350	2·0	330	2·0	320	3·6	310	3·3	300	3·6	310	4·6	4·0	20
320	6·9	320	6·2	310	6·9	320	7·2	310	3·6	340	3·0	340	3·0	330	3·6	350	5·9	330	4·9	330	3·6	340	4·9	5·1	21
310	6·2	310	4·9	300	4·3	290	3·9	280	2·6	250	2·0	260	2·0	250	1·6	220	1·6	220	3·0	230	3·3	220	2·6	4·3	22
290	2·3	280	3·9	290	6·2	270	4·3	260	4·3	280	2·3	270	3·3	260	3·6	240	3·0	230	2·6	230	2·6	230	3·6	3·6	23
300	8·9	310	6·9	300	5·9	310	5·6	300	4·9	300	6·2	300	6·2	300	7·9	300	7·9	300	8·0	300	7·2	300	9·5	5·9	24
30	10·5	30	11·1	20	8·2	30	8·2	30	7·2	10	6·2	350	3·6	320	3·6	340	3·6	320	3·9	330	3·3	330	3·6	7·0	25
330	2·6	330	3·3	330	3·0	350	2·6	10	1·6	10	1·6	—	1·0	—	1·3	300	1·6	290	2·0	300	2·0	300	2·0	2·7	26
280	3·3	290	2·0	300	4·3	320	5·2	340	5·2	330	3·6	360	5·2	10	5·9	10	4·6	360	3·6	360	3·9	350	3·0	3·0	27
290	3·9	300	6·6	290	6·9	290	7·2	300	6·2	300	5·6	280	3·3	270	3·3	260	4·3	260	3·6	280	5·6	290	7·2	4·6	28
290	8·2	280	4·9	250	4·3	290	6·2	280	4·9	280	4·9	270	3·3	270	3·6	210	2·3	200	2·3	210	2·0	200	3·0	5·6	29
230	10·8	230	10·8	230	9·8	220	8·2	220	8·9	220	9·5	220	7·2	220	7·2	230	5·9	310	3·6	310	5·6	300	4·3	5·9	30
60	4·6	40	4·3	20	4·9	20	4·6	10	6·2	10	4·9	10	5·2	10	4·9	360	3·9	330	4·6	330	4·3	340	3·6	3·6	31
—	**5·2**	—	5·1	—	5·1	—	5·0	—	4·6	—	3·9	—	**3·6**	—	3·8	—	3·9	—	3·6	—	3·8	—	3·8	4·2	—

April, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
230	5·6	230	6·2	240	7·5	230	6·9	220	7·2	220	6·9	220	7·9	220	8·5	220	7·2	220	8·5	220	7·2	210	8·5	5·4	1
330	5·2	330	7·2	320	6·2	320	6·9	320	7·9	310	7·2	310	5·2	310	5·2	300	6·9	300	5·6	310	5·6	310	4·3	6·1	2
300	2·3	170	2·3	170	4·6	170	3·6	180	3·9	190	3·0	200	3·0	210	3·9	210	3·0	210	2·6	210	2·6	200	2·3	3·7	3
190	6·6	170	6·9	170	7·5	170	7·9	170	7·2	170	7·2	170	8·2	160	6·9	170	6·9	170	6·9	170	6·6	160	7·5	5·7	4
140	6·9	140	7·2	140	7·2	140	6·9	140	6·9	140	7·2	140	6·6	150	5·9	150	5·9	140	4·9	140	5·2	140	5·9	**6·8**	5
140	7·9	140	7·9	130	6·9	130	6·9	130	7·2	140	7·2	140	6·6	150	4·9	150	3·9	160	3·3	190	2·6	180	2·6	5·8	6
—	1·0	—	0·7	70	2·3	100	1·6	90	2·3	—	1·3	—	1·0	140	1·6	150	1·6	—	1·0	—	1·3	—	1·3	**1·3**	7
140	2·6	150	2·6	160	3·6	160	2·3	160	3·0	170	3·0	170	3·0	180	2·3	190	1·6	180	2·3	—	1·0	—	1·3	1·7	8
160	4·3	160	3·3	150	3·6	150	3·0	140	3·0	130	2·0	70	1·6	—	1·0	—	1·0	—	0·7	—	1·0	—	1·3	2·5	9
130	3·3	130	3·0	120	3·0	110	2·6	130	2·6	130	1·6	—	1·0	—	1·0	—	0·7	—	0·3	—	0·7	—	0·3	1·8	10
130	3·9	130	5·2	140	3·3	140	3·3	140	2·3	150	2·6	160	3·0	160	2·3	150	2·6	170	3·0	180	2·6	170	2·0	2·2	11
170	3·9	170	3·9	180	4·3	190	3·3	200	3·3	210	2·3	—	1·3	—	1·3	210	1·6	—	1·3	—	0·7	—	1·3	2·5	12
190	3·9	180	3·3	220	6·6	220	7·5	230	7·9	230	7·2	210	3·9	210	4·6	220	4·9	210	4·3	210	2·6	210	2·6	4·2	13
210	2·6	190	3·6	220	4·9	210	4·9	180	4·3	180	4·6	170	4·9	160	5·6	170	5·2	160	5·6	160	5·9	150	7·9	3·7	14
280	7·5	270	7·9	270	9·2	260	7·2	260	6·6	260	7·5	240	3·6	230	3·6	210	3·3	200	3·3	200	3·9	200	3·0	5·7	15
330	6·9	330	6·6	330	5·6	330	4·6	320	4·3	300	3·9	300	4·3	290	3·6	290	4·6	290	3·0	280	3·0	290	4·3	5·0	16
300	5·6	310	6·2	310	4·9	280	4·6	300	3·6	250	1·6	300	3·9	—	1·0	—	0·0	—	0·3	—	0·7	—	0·7	4·2	17
30	8·2	30	9·2	30	8·2	20	7·9	20	6·9	20	5·6	10	4·6	350	3·3	350	3·9	350	4·9	350	4·6	350	4·3	5·0	18
10	3·9	360	4·9	360	3·9	80	3·9	80	3·0	—	1·0	—	0·7	—	0·3	—	1·0	250	1·6	—	1·3	—	0·7	3·1	19
330	5·2	330	5·6	330	6·2	340	4·6	350	3·6	350	3·6	350	2·3	—	1·3	—	1·3	300	2·3	—	1·0	280	1·6	3·0	20
190	5·6	180	5·6	190	5·6	190	6·6	190	5·9	190	4·6	200	5·9	190	5·2	180	3·9	220	3·6	250	3·3	230	3·3	4·0	21
180	4·6	180	3·6	180	4·3	180	5·9	170	6·9	160	6·2	180	5·6	190	5·9	190	6·6	220	6·2	240	5·6	230	3·9	4·1	22
250	6·2	240	5·9	230	6·2	220	4·9	230	5·2	250	4·6	240	3·9	240	3·0	250	3·9	250	3·0	250	2·6	240	3·9	5·2	23
290	4·9	260	1·6	290	3·6	290	5·6	270	3·9	290	2·3	310	2·3	310	2·3	270	3·3	260	3·0	240	3·9	250	3·9	3·4	24
250	4·9	280	5·6	300	7·2	310	7·2	290	6·6	290	5·6	290	3·3	300	5·9	290	4·6	290	3·6	290	5·6	290	6·9	4·4	25
340	5·9	350	6·2	20	6·2	10	5·9	30	5·9	20	5·2	30	4·6	20	3·9	40	4·3	360	2·0	350	2·6	340	1·6	5·7	26
70	4·3	70	4·9	60	4·9	50	5·9	50	5·2	40	5·6	40	6·2	40	5·9	50	4·9	40	5·6	50	4·6	40	4·6	4·4	27
130	3·6	150	3·6	230	4·3	320	3·3	310	3·0	320	5·2	320	4·9	310	3·0	—	1·3	—	1·0	—	1·0	—	0·7	3·0	28
120	1·6	90	1·6	90	3·3	120	3·9	80	3·3	40	2·3	70	3·9	100	4·6	90	3·9	80	3·6	70	3·9	80	3·6	2·5	29
100	4·3	90	3·9	100	3·0	80	3·6	80	3·3	50	4·9	30	5·2	40	3·9	60	6·2	70	4·6	50	4·6	40	4·3	3·8	30
—	4·8	—	4·9	—	**5·3**	—	5·1	—	4·9	—	4·4	—	4·1	—	3·7	—	3·7	—	3·4	—	3·3	—	3·3	4·0	—
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North ($E = 90°$, $S = 180°$, $W = 270°$, $N = 360°$): Speed in metres per second.

89. Aberdeen : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	30	3·3	340	2·3	350	2·3	340	2.0	340	2·6	320	2.3	350	2·0	10	3·6	350	3·3	350	3·3	340	3·6	330	4·6
2	—	1·0	290	1·6	290	2·0	190	2·0	—	0·7	—	0·7	—	0·3	—	1·3	130	3·0	130	3·9	140	3·9	140	4·6
3	—	1·3	—	0·7	—	1·0	—	1·0	—	1·0	—	1·3	—	1·0	—	1·0	—	1·3	160	3·0	170	3·3	170	3·3
4	170	3·0	170	3·9	150	4·3	160	3·9	150	5·9	150	6·2	150	5·6	140	5·9	140	5·6	140	5·6	130	5·6	140	5·9
5	130	2·0	150	2·0	160	1·6	140	1·6	—	1·0	130	2·3	110	2·6	100	3·9	100	4·9	100	6·9	110	7·5	110	6·9
6	—	0·7	—	0·7	310	2·0	310	3·3	310	2·6	330	3·3	50	6·6	60	6·6	70	7·2	90	8·9	100	8·2	140	5·2
7	50	2·3	50	3·0	50	2·6	50	2·6	50	1·6	40	2·3	50	2·3	60	3·0	60	3·3	60	3·9	60	3·9	60	3·9
8	60	3·9	90	3·9	110	3·9	110	2·6	110	4·6	120	4·3	120	3·6	90	3·6	60	3·0	40	3·3	30	2·0	—	0·7
9	90	6·9	90	6·6	100	6·6	90	6·2	100	5·6	100	3·6	110	3·3	100	3·9	50	3·6	50	4·9	70	5·6	60	4·9
10	—	0·7	—	1·0	—	1·0	—	0·3	—	0·7	—	0·7	—	1·3	100	1·6	120	2·3	130	2·6	130	2·3	130	2·3
11	190	2·6	190	2·6	200	2·0	190	2·6	190	2·6	180	3·3	190	4·6	180	5·9	180	5·2	180	4·6	190	5·9	180	5·9
12	210	3·3	220	4·3	220	3·9	220	4·6	210	3·0	200	1·6	230	3·3	240	3·6	220	4·6	230	3·9	240	5·6	210	5·6
13	280	2·0	290	3·3	280	3·0	290	2·6	270	3·3	250	2·6	250	2·6	270	3·3	270	3·0	260	2·0	160	3·6	160	4·3
14	300	1·6	300	2·0	300	2·0	300	2·6	330	2·3	320	2·6	320	2·6	360	3·3	10	2·3	40	4·3	60	4·9	70	5·6
15	180	2·0	170	2·6	180	2·6	170	3·0	160	3·6	170	3·3	170	3·3	170	2·6	170	3·3	140	3·6	150	4·3	150	4·6
16	200	2·6	200	3·6	200	2·6	190	3·6	180	3·3	200	3·3	200	3·0	180	3·6	180	2·6	190	2·3	180	2·6	180	3·3
17	170	2·0	200	2·0	190	2·3	200	2·0	—	0·7	—	1·3	170	2·3	170	2·6	180	2·6	180	3·6	190	3·3	170	3·6
18	310	3·0	310	2·6	320	3·0	330	3·6	350	3·3	320	2·6	350	2·3	10	2·6	360	1·6	20	2·6	40	3·3	40	2·6
19	—	1·3	—	0·3	—	0·3	—	0·3	—	1·0	—	1·3	—	1·0	70	1·6	60	2·0	50	3·0	60	3·0	60	3·0
20	—	1·3	—	1·0	—	0·7	—	0·3	—	0·7	—	1·3	—	1·3	10	1·6	50	2·0	60	2·6	70	2·6	70	2·3
21	—	1·3	—	1·0	—	1·3	—	0·7	—	0·7	—	0·7	—	1·0	120	2·0	120	2·0	120	3·3	120	3·6	90	4·9
22	10	3·0	10	2·3	10	2·0	20	2·6	40	2·3	50	3·6	50	3·6	60	3·3	80	3·9	100	3·6	110	3·9	100	3·6
23	110	3·0	100	3·3	100	3·0	90	3·3	90	3·6	90	3·0	100	3·6	90	4·3	90	4·3	100	5·2	100	4·3	110	4·9
24	70	4·9	60	5·9	60	6·2	60	5·9	60	4·9	50	4·3	50	4·6	40	4·9	40	4·9	40	6·2	40	6·2	40	6·6
25	20	6·9	20	7·2	20	7·2	20	5·9	10	6·2	10	5·6	360	5·6	360	5·2	350	4·3	350	5·6	350	4·9	350	5·2
26	320	3·3	320	3·0	320	3·0	320	3·0	300	3·9	310	2·3	310	3·6	310	3·0	300	2·0	—	1·3	160	3·0	190	3·3
27	180	4·3	170	4·6	180	5·2	180	5·2	160	4·9	170	5·9	170	5·9	170	5·9	170	5·9	170	7·2	180	7·2	200	4·6
28	—	1·3	160	3·0	160	3·3	140	4·6	140	4·9	150	4·6	170	4·3	180	3·0	170	3·9	180	4·3	190	5·2	190	5·2
29	200	3·6	180	4·9	170	4·9	160	6·2	170	7·5	160	6·9	170	6·2	170	6·6	180	5·9	200	5·2	220	6·2	220	6·2
30	190	5·6	190	4·3	210	2·3	230	3·6	220	3·9	210	4·6	220	6·2	230	6·6	220	7·2	220	8·9	220	9·2	210	8·5
31	220	6·2	220	5·6	220	4·6	220	6·2	220	5·2	230	3·3	250	5·6	260	4·9	260	7·5	260	5·9	250	5·2	230	6·2
Mean ...	—	2·9	—	3·1	—	3·0	—	3·2	—	3·2	—	3·1	—	3·4	—	3·7	—	3·8	—	4·4	—	4·6	—	4·6

90. Aberdeen : $H_a = 13$ metres + 23 metres.

Day.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	0·7	—	1·3	—	1·3	230	3·0	220	3·0	200	2·0	220	3·3	220	4·3	220	4·6	210	5·6	230	5·6	220	5·6
2	—	1·3	—	1·0	210	2·0	210	1·6	220	1·6	220	1·6	250	3·3	260	3·9	260	3·6	270	3·3	270	3·3	210	2·6
3	—	1·3	—	1·3	—	0·7	—	0·0	—	1·0	230	1·6	220	2·6	210	3·0	200	2·3	180	3·9	180	4·6	180	4·6
4	220	1·6	220	1·6	—	0·7	210	2·0	240	2·0	—	1·0	—	0·7	—	1·0	—	1·3	120	2·3	140	3·9	160	3·9
5	190	3·0	190	2·3	200	3·0	210	2·0	240	2·6	210	3·3	180	3·0	200	3·3	200	3·6	190	4·6	190	4·3	190	4·6
6	120	1·6	—	0·7	—	0·7	—	1·3	310	3·3	300	4·6	300	3·0	—	1·3	—	0·7	—	1·0	160	2·0	150	3·9
7	300	1·6	—	1·3	300	1·6	300	2·0	—	1·3	—	0·3	—	0·7	120	2·6	120	3·3	130	3·6	130	3·6	130	3·6
8	180	1·6	180	1·6	—	1·3	—	1·3	—	0·3	—	0·3	—	1·3	100	2·0	—	1·3	110	1·6	120	2·0	110	1·6
9	160	1·6	—	1·3	—	0·7	—	1·0	—	1·3	—	1·0	—	1·3	170	1·6	150	2·0	160	3·3	170	2·6	180	3·0
10	—	0·0	—	1·0	—	1·3	290	1·6	—	0·3	290	2·6	300	1·6	—	1·3	—	1·0	50	2·0	50	3·6	30	4·3
11	300	1·6	300	1·6	—	1·3	—	0·3	—	1·0	140	1·6	—	1·3	110	3·6	90	2·3	100	2·0	90	1·6	60	2·0
12	—	1·0	—	0·7	—	0·7	—	0·0	—	0·3	—	1·0	310	2·0	340	2·3	—	1·0	140	2·6	140	3·9	160	2·6
13	—	1·3	—	1·0	—	0·3	—	0·7	—	1·3	220	1·6	240	1·6	—	1·0	120	1·6	300	3·0	300	4·3	310	4·3
14	310	6·9	310	6·6	320	6·2	320	6·6	320	6·6	330	6·6	330	5·9	320	6·2	320	6·2	320	6·9	320	6·6	320	6·2
15	220	1·6	210	2·0	—	1·3	—	1·0	—	0·3	—	0·3	—	0·7	—	1·0	—	1·3	200	1·6	200	1·6	—	1·0
16	300	3·0	300	4·9	290	3·0	250	1·6	280	2·3	280	2·3	280	2·6	240	3·0	250	3·6	270	3·9	240	3·3	260	3·9
17	320	3·3	330	3·6	320	2·6	330	2·3	330	3·6	330	4·6	340	5·2	340	4·3	340	4·9	330	4·6	320	4·9	310	5·9
18	310	6·9	320	7·5	320	8·5	320	8·9	320	8·9	340	7·2	330	8·5	340	7·9	340	7·2	330	8·9	330	9·2	330	10·5
19	300	4·9	300	5·9	310	7·9	310	6·2	310	6·2	310	5·9	310	5·6	310	4·6	310	4·3	310	2·3	340	1·6	180	2·3
20	310	3·9	310	3·9	310	4·3	310	4·6	320	4·3	320	4·9	320	5·6	310	6·9	310	7·2	320	8·9	330	8·2	320	7·5
21	310	5·9	320	6·6	320	6·6	330	6·2	330	6·2	330	6·9	330	8·2	330	9·5	320	9·5	320	8·2	320	10·2	330	9·8
22	320	6·9	330	6·2	330	6·6	340	6·6	340	6·6	330	6·2	340	6·2	330	6·6	330	6·9	320	6·9	320	8·2	330	7·5
23	330	5·6	330	5·6	340	5·2	340	4·6	340	4·3	340	3·9	350	5·2	340	6·2	350	5·2	350	5·6	350	5·6	350	5·6
24	340	6·6	330	6·9	330	6·2	330	5·6	340	5·9	330	9·2	340	6·6	340	6·6	340	6·9	340	6·9	340	6·2	340	7·2
25	330	6·9	340	6·2	330	7·2	330	7·5	330	7·5	330	6·6	330	*7·0*	340	*5·9*	330	*6·6*	330	5·9	330	5·9	330	6·2
26	—	1·3	300	4·3	310	3·9	310	5·6	310	4·3	310	6·9	320	6·9	320	6·9	330	5·9	340	6·6	330	8·9	330	8·9
27	330	4·6	330	3·6	330	4·6	330	4·6	330	4·6	330	3·3	340	3·9	340	4·6	340	4·6	340	5·6	340	4·3	330	6·2
28	—	0·7	—	0·7	—	0·7	—	0·7	—	1·0	—	0·3	—	0·7	—	0·3	—	1·0	140	2·0	140	2·3	150	3·0
29	200	2·3	180	2·3	190	2·6	180	2·0	190	2·3	180	2·6	190	3·0	200	3·0	170	3·3	170	4·9	170	4·3	180	3·6
30	200	2·3	200	2·0	180	2·6	—	1·3	210	1·6	190	2·3	200	1·6	190	1·6	180	3·3	180	3·6	180	4·3	190	3·6
Mean ...	—	3·1	—	3·2	—	3·2	—	3·1	—	3·2	—	3·4	—	3·6	—	3·9	—	3·9	—	4·4	—	4·7	—	4·9
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 13 metres + 23 metres.

May, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
330	3·9	340	4·3	350	3·6	350	3·3	340	3·0	350	2·6	350	2·3	—	1·0	—	0·3	—	1·0	—	0·7	—	1·3	2·7	1
140	4·9	160	4·3	160	3·9	160	2·6	180	3·0	200	3·3	190	2·0	—	1·3	—	1·0	230	2·3	240	2·3	250	2·3	2·4	2
200	3·3	190	3·6	190	4·3	180	3·6	170	3·6	170	3·6	160	3·6	170	3·9	170	3·3	170	3·3	170	2·6	160	3·6	2·5	3
130	6·2	140	5·9	140	5·2	130	5·2	130	3·9	130	3·3	120	3·0	140	3·3	140	3·3	130	3·3	120	3·0	100	2·6	4·6	4
110	6·9	110	7·2	120	6·6	140	3·6	140	2·3	130	2·6	150	2·3	140	3·0	140	2·6	—	1·3	—	1·3	—	0·3	3·5	5
180	4·6	170	5·6	170	5·9	170	5·2	170	3·9	170	3·9	160	3·6	130	2·3	90	2·3	80	2·3	130	2·3	—	1·3	4·1	6
50	3·9	60	4·3	60	3·9	80	3·3	70	3·0	60	2·3	80	2·0	70	1·6	100	2·3	90	2·3	60	2·0	50	3·3	2·8	7
110	2·3	140	3·9	130	3·9	130	3·9	120	2·6	110	2·6	80	3·3	70	2·6	80	3·3	90	4·6	100	5·6	90	7·2	3·5	8
60	4·9	50	4·6	40	3·9	30	3·6	30	3·0	30	3·0	40	2·6	40	1·6	30	1·6	—	1·3	—	0·7	—	0·7	4·0	9
130	4·3	130	3·0	140	2·6	160	2·6	160	2·0	170	2·0	170	2·3	180	2·3	190	2·6	190	2·3	170	3·0	180	3·0	2·0	10
190	4·6	190	6·2	200	3·9	190	3·9	210	3·9	240	5·2	250	3·9	220	3·0	220	3·3	240	5·6	230	6·2	220	5·9	4·2	11
200	5·2	170	3·6	190	3·6	200	3·0	210	3·0	200	1·6	180	3·0	200	3·0	200	2·6	200	1·6	230	2·0	260	3·3	3·5	12
150	5·6	170	3·9	160	3·9	170	3·0	180	3·0	170	3·6	200	3·3	200	3·6	220	3·0	—	1·3	300	1·6	—	1·3	3·1	13
80	5·6	100	4·3	130	4·3	140	3·9	150	3·9	150	3·3	160	3·3	160	2·6	160	2·0	160	3·0	170	2·0	180	1·6	3·2	14
160	6·2	170	4·3	170	5·9	180	4·6	190	4·3	180	2·3	150	2·0	170	2·6	200	2·6	190	3·0	190	3·3	200	3·0	3·4	15
160	2·6	140	2·3	130	2·6	130	3·3	130	1·6	100	2·0	140	3·0	140	2·6	180	2·0	170	2·3	200	2·3	180	2·3	2·7	16
180	3·3	160	3·9	90	3·9	60	3·6	70	3·3	—	1·3	—	1·3	—	1·0	—	1·0	—	1·0	—	0·7	310	1·6	2·3	17
20	2·0	30	2·3	60	4·6	80	2·6	—	1·3	40	2·0	40	2·3	30	1·6	—	1·0	—	0·7	—	0·7	—	0·3	2·3	18
70	4·3	60	3·9	60	3·9	70	2·6	60	3·6	70	2·3	80	2·0	—	1·3	60	1·6	60	1·6	—	1·3	—	1·0	2·0	19
80	3·0	90	2·0	90	2·3	70	2·6	90	2·6	120	2·3	—	1·3	100	2·0	130	1·6	—	1·0	—	1·0	—	0·7	**1·7**	20
80	4·9	110	5·6	180	4·6	180	4·3	190	3·3	190	3·0	230	3·0	310	3·9	330	3·3	340	2·0	340	2·3	350	2·6	2·7	21
100	3·3	100	2·6	100	3·3	120	3·0	110	2·3	120	2·6	120	2·0	110	2·3	100	2·3	100	2·6	100	3·3	110	2·3	2·9	22
100	4·9	110	4·6	110	4·6	100	4·9	100	5·9	90	4·9	90	5·9	80	4·6	80	5·2	80	5·6	80	5·2	80	4·9	4·4	23
30	6·9	30	6·9	30	6·2	20	5·6	20	5·6	20	5·2	20	5·6	20	5·9	20	5·9	20	6·9	20	7·5	20	7·2	5·8	24
10	6·6	10	6·9	360	5·6	350	4·6	350	4·6	350	3·9	350	3·6	350	4·3	350	3·9	350	3·6	340	3·0	330	3·3	5·2	25
160	4·3	170	4·9	190	3·9	180	4·6	180	4·3	190	3·9	180	2·0	190	2·3	180	3·0	180	3·3	190	4·6	180	3·9	3·3	26
200	4·9	190	4·3	220	4·6	250	4·6	240	5·9	230	4·6	220	2·3	200	2·0	200	2·3	190	1·6	200	2·3	180	2·3	4·6	27
180	5·2	190	6·2	190	3·6	200	4·9	180	4·9	180	5·2	180	4·3	190	4·6	170	5·6	170	5·9	180	4·9	190	4·6	4·4	28
230	6·9	230	7·9	230	7·5	230	6·2	220	5·6	200	4·3	200	3·6	180	4·9	190	4·9	180	5·2	180	6·6	190	5·2	5·8	29
220	8·2	230	7·5	230	7·9	240	7·2	220	7·2	220	8·2	220	6·9	210	6·2	210	5·2	220	8·2	220	8·5	220	6·6	**6·6**	30
240	6·6	230	4·9	240	6·6	240	5·9	230	5·9	250	5·6	220	3·6	210	3·0	230	3·0	230	2·0	220	3·0	220	1·6	5·0	31
—	**4·8**	—	4·7	—	4·6	—	4·1	—	3·8	—	3·4	—	3·1	—	2·9	—	**2·8**	—	3·0	—	3·1	—	2·9	3·6	—

June, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s	°	m/s.	°	m/s.	°	m/s.	m/s.	
230	6·6	220	6·9	230	6·6	230	5·6	230	5·2	240	3·9	240	3·9	240	3·3	240	3·3	220	2·3	210	2·0	210	1·6	3·8	1
140	2·6	130	3·0	140	2·0	90	1·6	80	2·0	120	2·0	—	1·3	300	1·6	—	0·0	—	0·7	—	1·0	280	1·6	2·0	2
190	3·6	220	6·9	220	4·9	240	5·2	250	4·3	270	4·3	260	3·0	270	2·6	240	2·0	210	2·3	220	3·0	210	2·3	3·0	3
180	3·6	220	3·9	220	4·6	230	4·3	210	4·3	210	4·6	210	4·3	210	4·3	190	2·0	210	1·6	190	2·3	170	2·3	2·7	4
180	4·3	180	3·9	180	3·6	190	3·6	190	3·0	200	2·6	190	2·6	180	3·0	180	2·0	160	2·0	130	1·6	140	1·6	3·1	5
160	2·0	—	1·3	110	1·6	110	1·6	100	2·3	100	2·0	80	2·0	60	1·6	—	1·3	—	0·7	—	1·0	300	2·0	1·8	6
120	3·9	130	3·3	130	3·6	130	3·9	130	3·0	130	3·0	150	2·3	160	1·6	—	1·3	—	1·3	170	2·0	170	1·6	2·4	7
100	1·6	100	2·0	120	2·0	100	2·0	110	2·0	130	1·6	140	2·3	—	1·0	140	1·6	—	1·0	140	2·0	160	2·0	1·5	8
160	3·9	180	3·3	190	3·0	180	3·9	180	3·3	190	3·3	190	2·6	190	1·6	200	2·3	—	1·0	—	0·7	—	0·7	2·1	9
50	4·3	50	3·3	40	3·9	40	3·9	50	3·0	40	3·0	40	1·6	—	0·7	350	1·6	330	1·6	310	2·6	310	2·3	2·1	10
60	3·0	50	1·6	50	2·3	60	2·6	40	2·3	50	3·0	50	2·0	20	2·0	—	0·7	—	0·7	—	0·7	—	1·0	1·8	11
160	3·9	170	3·3	150	3·3	150	3·3	160	3·0	190	2·3	190	2·0	210	2·3	220	3·3	230	3·0	250	2·3	240	2·6	2·2	12
300	3·3	260	3·3	290	6·6	290	5·2	300	4·3	300	8·5	320	5·2	330	5·2	330	6·2	340	6·6	320	3·6	320	6·6	3·5	13
330	5·2	330	5·6	330	3·6	160	3·9	160	3·0	150	2·6	180	2·0	180	2·0	180	2·0	180	2·0	—	1·0	—	1·0	4·8	14
180	3·3	320	4·3	320	3·0	60	1·6	150	1·6	—	1·0	80	2·0	—	1·3	—	1·0	—	0·7	—	1·0	—	1·3	**1·5**	15
270	4·3	290	7·5	290	7·9	290	5·9	300	5·2	320	6·2	320	6·2	310	3·9	320	4·3	310	4·3	300	5·2	300	3·9	4·2	16
320	5·2	310	6·9	310	6·9	320	6·6	320	7·2	320	6·9	310	5·6	300	6·6	310	6·6	310	6·9	310	7·2	310	7·2	5·3	17
330	10·2	330	10·2	330	9·2	330	9·5	330	8·5	330	8·5	340	8·5	320	6·9	320	5·9	300	4·9	310	5·6	310	5·9	**8·1**	18
180	2·3	170	1·6	150	2·3	160	2·0	190	1·6	200	1·6	220	1·6	—	0·0	—	0·0	—	0·7	—	1·0	320	3·9	3·2	19
340	7·2	340	6·2	340	7·5	330	6·9	330	6·6	330	5·9	340	4·9	330	4·9	320	4·9	300	3·9	320	5·2	320	4·3	5·8	20
340	7·9	340	9·2	340	8·9	340	8·2	340	7·5	340	6·6	340	8·2	330	7·5	330	8·2	330	6·6	330	7·2	320	6·6	7·7	21
330	7·5	330	7·2	340	6·6	340	6·6	340	5·9	330	6·6	330	5·9	330	4·9	330	5·6	330	4·9	330	5·2	330	6·2	6·4	22
340	5·9	320	7·2	330	6·9	340	6·9	340	5·9	340	6·9	340	6·2	340	6·6	330	6·9	330	6·6	330	7·9	330	7·5	6·0	23
350	6·2	350	6·6	350	5·6	350	5·2	340	6·6	340	5·2	340	7·2	340	5·6	330	5·9	330	6·9	330	5·9	330	6·6	6·5	24
340	5·6	330	4·9	330	5·2	330	6·2	330	6·6	330	6·6	330	5·2	330	3·6	320	4·3	310	3·9	300	3·6	300	3·0	5·8	25
330	7·2	340	7·2	350	6·9	340	6·2	340	7·2	350	5·2	340	4·6	340	6·6	320	6·6	330	4·6	330	4·6	330	4·6	5·9	26
340	5·9	350	4·3	350	4·9	350	4·3	360	4·3	360	3·9	20	3·3	20	1·6	—	1·3	—	0·7	—	0·7	—	0·3	3·8	27
—	1·3	190	2·3	200	2·6	190	2·3	190	2·6	180	3·0	190	2·3	200	2·6	200	2·6	210	1·6	210	2·3	190	2·3	1·7	28
170	3·0	190	4·9	180	4·9	170	3·9	160	3·0	190	4·6	190	3·3	200	3·3	180	3·6	140	2·0	—	1·0	190	2·0	3·2	29
180	4·9	180	4·6	190	4·6	180	5·9	180	4·6	190	3·6	190	3·0	170	2·3	210	2·0	220	2·3	210	2·0	220	2·6	3·1	30
—	4·7	—	**4·9**	—	4·9	—	4·6	—	4·3	—	4·3	—	3·8	—	3·4	—	3·3	—	**2·9**	—	3·0	—	3·2	3·8	—
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day

Direction expressed in degrees from North (E=90°, S=180°, W=270°, N=360°): Speed in metres per second.

91. Aberdeen: H_a (Height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	190	2·3	190	1·6	190	2·0	190	1·6	180	1·6	200	1·6	200	1·6	220	1·6	130	1·6	140	3·0	140	3·3	150	3·3
2	130	3·0	140	3·6	130	2·0	120	2·3	110	2·3	80	3·0	50	1·6	40	2·3	40	2·6	40	3·6	60	4·3	50	3·3
3	—	1·3	2c	2·3	20	2·0	10	2·3	30	3·0	30	2·0	30	2·6	40	2·3	70	3·0	70	3·9	70	3·0	60	2·6
4	—	0·7	—	1·0	—	1·0	—	1·0	—	0·7	—	0·7	40	1·6	60	1·6	100	1·6	80	3·0	80	3·0	80	3·0
5	—	0·7	—	1·0	—	1·3	300	2·0	—	1·0	—	0·3	—	1·0	100	2·0	100	2·0	130	2·0	130	2·6	120	2·6
6	—	1·3	—	0·7	—	0·0	—	0·0	—	0·0	—	0·7	—	1·3	120	2·0	120	2·0	120	2·3	130	2·3	140	2·6
7	—	1·3	10	3·0	340	2·0	320	1·6	310	2·3	320	4·6	320	3·6	320	5·2	310	6·6	320	7·2	310	6·9	320	5·2
8	280	3·0	230	2·0	—	1·3	260	2·6	250	3·3	270	3·6	280	4·3	290	6·2	300	4·6	290	4·9	300	4·3	300	3·9
9	300	2·0	260	2·3	—	1·3	—	1·0	—	1·3	290	2·3	270	2·6	290	3·3	280	3·9	300	3·9	320	1·6	250	2·0
10	200	2·3	210	2·3	—	0·7	—	0·3	—	0·0	300	4·3	300	3·9	300	7·5	300	7·2	310	6·6	310	7·2	310	6·9
11	—	0·7	—	0·3	—	1·3	210	1·6	—	0·7	—	0·7	—	0·3	310	5·6	310	4·9	320	4·9	310	5·9	320	5·6
12	—	1·3	—	0·7	—	1·0	—	0·7	—	0·3	230	2·6	220	3·3	230	3·0	240	2·6	170	3·0	170	2·6	190	3·3
13	—	1·0	30	1·6	30	2·0	10	2·0	—	1·3	340	2·3	350	1·6	360	1·6	20	2·0	40	2·6	50	3·6	50	3·9
14	—	0·7	—	0·7	—	0·7	—	1·3	—	1·3	180	2·6	180	2·0	180	2·6	180	2·6	180	3·9	170	3·9	170	3·6
15	180	2·3	200	3·0	210	3·6	200	3·9	210	2·6	200	2·3	200	3·0	200	2·3	200	2·6	210	2·3	200	2·3	290	3·0
16	—	0·3	—	0·3	—	1·3	—	0·3	160	2·0	150	2·0	180	2·6	180	3·0	170	3·0	200	3·0	170	3·6	170	3·9
17	—	1·3	190	1·6	—	1·3	—	1·3	—	0·7	—	0·7	150	2·0	160	3·3	170	3·0	180	4·3	170	4·3	180	4·9
18	140	1·6	110	1·6	—	1·3	—	1·0	—	1·0	—	1·0	—	1·3	110	1·6	140	3·6	130	3·9	120	4·6	130	5·2
19	100	1·6	90	2·0	—	0·7	—	0·3	—	0·3	—	1·0	—	1·0	—	1·0	50	2·3	60	3·0	60	3·6	50	3·3
20	—	0·7	—	0·7	—	1·3	—	1·0	—	1·3	—	1·3	—	1·0	100	2·0	110	1·6	100	2·0	—	1·3	130	1·6
21	—	1·0	300	3·0	310	1·6	—	0·7	—	0·0	—	0·3	—	0·3	290	1·6	—	0·7	110	1·6	130	2·3	140	2·6
22	—	0·3	—	0·3	—	0·0	300	1·6	—	1·0	—	0·3	—	0·3	—	0·7	—	1·3	90	1·6	80	2·6	80	2·0
23	310	3·3	310	3·0	310	2·3	310	2·0	320	2·3	330	3·9	320	4·6	330	3·9	330	3·6	350	3·6	340	4·3	350	4·6
24	330	4·6	330	3·9	350	3·6	340	3·3	340	3·9	350	3·3	360	3·3	360	3·6	30	3·0	50	4·6	40	4·3	50	5·2
25	—	0·3	—	0·7	—	1·0	—	1·0	—	1·3	170	2·3	180	2·0	180	2·3	180	2·6	180	3·6	180	3·9	180	5·2
26	—	1·3	—	1·0	—	1·3	—	1·3	60	1·6	—	0·3	—	0·3	—	0·7	—	0·3	—	1·3	130	2·0	—	1·3
27	—	0·3	—	1·3	210	2·3	—	1·3	—	1·0	220	1·6	210	2·0	190	2·3	130	2·3	130	4·3	130	3·9	120	3·3
28	—	1·3	290	2·6	300	3·3	300	3·0	310	3·3	310	3·6	310	3·0	320	1·6	10	1·6	70	3·0	90	3·0	110	2·6
29	—	1·0	—	0·7	—	0·0	—	0·7	—	0·7	—	1·3	—	1·3	300	3·0	320	3·6	300	2·6	310	3·0	30	2·0
30	300	3·3	300	2·6	300	3·6	300	3·9	290	1·6	—	1·0	290	3·6	290	3·9	290	3·6	300	3·3	280	2·6	290	2·3
31	300	1·6	300	2·6	300	3·0	290	2·0	270	1·6	300	3·9	310	3·6	310	3·3	320	3·6	330	3·9	340	3·9	320	4·6
Mean ...	—	1·5	—	1·7	—	1·6	—	1·6	—	**1·5**	—	2·0	—	2·1	—	2·8	—	2·9	—	3·4	—	3·5	—	3·5

92. Aberdeen: H_a = 13 metres + 23 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	1·3	250	2·6	250	2·6	290	2·0	300	2·6	310	4·3	310	4·3	310	3·9	310	4·6	320	5·6	320	4·3	310	4·9
2	290	3·0	300	3·3	300	3·0	300	3·6	300	4·3	300	4·9	310	6·6	310	6·2	330	3·9	330	5·2	330	6·6	330	6·2
3	300	2·0	300	3·0	290	2·0	—	1·0	—	1·0	270	1·6	270	2·0	320	2·0	170	1·6	140	2·0	140	3·3	130	3·0
4	—	0·3	—	0·3	—	0·7	—	0·7	—	0·0	—	0·0	—	0·0	—	0·3	—	1·0	110	1·6	110	2·3	110	1·6
5	20	1·6	—	1·0	—	1·0	—	1·0	—	1·3	20	2·0	30	2·3	50	2·6	60	1·6	90	2·3	100	2·3	110	2·6
6	200	2·6	210	3·0	200	2·6	200	2·0	190	2·3	150	2·0	200	4·3	210	2·6	200	2·0	190	4·3	190	4·3	190	4·6
7	—	1·0	—	0·7	—	0·7	—	1·0	—	1·3	200	1·6	180	3·0	180	3·9	180	3·9	170	4·9	160	3·9	180	3·9
8	—	0·3	—	1·0	—	1·0	300	2·0	300	2·3	300	1·6	—	0·0	—	1·0	—	0·7	—	1·0	130	3·6	140	3·0
9	150	1·6	—	1·3	180	1·6	—	1·0	—	1·0	140	2·0	150	4·3	160	5·6	180	3·0	180	2·6	180	2·3	190	2·6
10	200	3·6	—	1·3	210	2·0	210	2·6	200	3·3	210	2·6	210	3·0	210	4·6	210	5·6	210	5·9	220	6·6	210	4·9
11	—	1·3	280	1·6	300	2·6	280	3·0	280	2·0	280	3·3	290	4·3	300	3·3	310	4·3	320	3·3	300	1·6	160	3·3
12	200	3·0	190	3·3	190	4·6	180	3·9	180	4·6	170	5·6	170	5·6	170	7·2	180	6·9	190	7·2	190	5·6	190	6·2
13	—	0·3	—	0·3	—	1·0	—	1·0	—	1·0	—	0·7	—	0·7	—	0·3	—	1·0	320	2·3	330	2·6	360	2·6
14	330	1·6	310	1·6	300	1·6	300	2·0	300	2·3	300	1·6	310	4·3	310	3·3	310	3·0	320	3·9	350	3·3	340	3·3
15	290	1·6	290	1·6	290	2·0	—	1·0	—	1·3	—	0·7	270	1·6	280	2·0	300	3·3	310	3·3	310	3·3	310	3·3
16	290	2·0	290	2·3	300	2·3	310	2·6	—	1·3	300	2·3	290	3·0	310	3·9	310	3·9	310	3·6	320	3·0	150	4·6
17	—	1·3	—	1·3	290	2·6	280	3·0	270	2·0	—	1·3	300	2·6	300	4·6	300	5·2	300	6·2	300	4·9	310	3·9
18	—	1·0	—	0·7	—	0·7	—	1·0	40	2·3	30	2·6	—	1·0	40	2·3	50	2·3	60	3·3	50	2·6	90	3·3
19	—	0·7	—	0·7	—	0·7	—	1·0	—	1·0	—	1·3	—	1·3	120	1·6	—	1·3	140	2·0	150	3·0	140	3·0
20	160	2·3	170	1·6	—	0·7	—	0·3	—	0·0	—	0·3	—	1·3	220	2·3	210	2·6	210	3·3	190	2·6	190	3·3
21	150	3·0	150	2·3	150	2·3	150	1·6	140	3·6	140	3·0	130	3·6	120	3·3	110	3·0	120	4·3	120	3·9	100	3·9
22	90	1·6	70	1·6	—	1·0	30	1·6	—	0·7	—	0·7	—	0·3	—	1·0	80	2·6	80	3·3	80	3·9	70	4·9
23	50	5·9	40	4·3	50	4·6	70	3·0	90	2·3	110	2·3	100	3·3	110	2·3	60	3·0	50	3·0	50	3·3	60	4·3
24	—	1·0	—	1·3	310	2·0	—	0·7	—	1·3	310	1·6	330	2·0	320	3·6	320	3·9	330	4·6	340	3·9	330	4·6
25	320	3·0	310	2·3	300	3·3	310	3·3	300	3·6	300	3·3	300	4·3	310	3·9	330	3·9	330	3·3	330	3·6	320	3·6
26	290	2·0	—	1·3	—	1·3	—	1·0	260	1·6	—	1·0	160	2·6	170	3·9	170	3·0	180	3·9	180	4·9	180	4·9
27	240	3·3	—	1·3	240	2·3	—	1·0	—	0·7	—	1·0	—	1·3	210	2·6	210	3·6	220	3·3	230	3·0	240	2·6
28	300	2·3	—	1·3	—	1·3	250	3·0	—	1·3	—	1·0	—	0·7	240	1·6	180	2·0	160	3·3	200	3·6	210	4·9
29	240	3·0	260	3·6	240	2·6	240	3·9	240	5·2	240	3·3	240	3·9	250	4·9	250	4·9	250	4·6	250	3·9	270	4·6
30	280	4·6	250	2·3	280	4·3	280	3·3	280	2·3	300	4·3	290	3·0	270	3·0	270	1·6	280	2·6	230	2·3	200	2·3
31	220	2·0	—	1·3	240	1·6	—	0·7	—	1·0	230	2·0	200	1·6	—	1·0	230	3·3	210	2·3	230	2·3	280	4·6
Mean ...	—	2·1	—	**1·8**	—	2·0	—	1·9	—	2·0	—	2·1	—	2·6	—	3·1	—	3·1	—	3·6	—	3·6	—	3·8
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L.+h_a (Height of anemograph above ground) = 13 metres+23 metres.

July, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
140	3·6	140	3·9	140	3·3	150	3·3	160	3·9	160	3·3	160	3·3	170	3·3	170	2·0	150	2·3	150	2·3	140	3·3	2·6	1
70	3·3	90	2·3	90	2·0	80	2·3	70	2·3	60	2·0	50	2·0	40	1·6	—	1·0	30	1·6	—	1·0	340	1·6	2·4	2
70	2·6	70	2·3	80	2·0	100	2·3	90	2·0	100	1·6	90	2·3	—	1·0	130	1·6	—	0·7	—	0·7	—	1·0	2·1	3
60	3·0	70	2·0	70	2·3	50	3·0	60	2·6	90	1·6	30	1·6	30	1·6	30	2·3	—	1·3	—	0·7	—	0·7	1·7	4
120	3·0	140	3·3	150	3·6	160	2·6	170	2·3	170	2·0	—	1·3	170	1·6	170	2·0	—	1·3	160	1·6	190	1·6	1·8	5
120	2·6	120	2·0	90	2·3	50	1·6	—	1·3	—	1·3	—	0·7	—	0·7	—	0·3	—	0·7	—	0·3	—	0·7	1·3	6
330	5·2	310	4·6	310	4·6	310	4·3	320	4·3	310	4·3	300	3·6	320	2·0	—	0·7	270	3·6	280	2·6	270	2·6	3·8	7
300	2·6	290	3·0	330	2·6	170	2·6	330	2·3	—	1·3	290	2·0	290	2·0	280	3·3	290	3·6	300	2·3	300	2·0	3·1	8
180	3·0	180	3·0	180	3·3	190	2·3	210	2·3	220	1·6	—	1·3	240	2·6	210	3·3	200	3·0	200	3·0	200	2·6	2·4	9
310	6·6	310	7·2	310	7·5	310	6·9	320	6·6	310	6·6	310	4·6	300	4·9	320	2·3	290	2·0	290	2·0	—	0·7	**4·5**	10
310	7·2	320	5·6	110	2·6	160	2·0	100	2·0	70	2·3	—	1·3	—	1·0	—	0·7	—	0·7	—	1·0	—	1·0	2·5	11
190	3·0	200	2·0	270	2·0	310	2·6	—	0·3	—	1·0	—	1·0	—	1·0	—	0·7	—	0·7	—	0·3	—	0·3	1·7	12
60	3·6	60	4·6	60	3·0	60	2·6	70	2·3	60	2·3	—	1·0	—	0·7	—	0·7	—	1·0	140	1·6	—	0·7	2·1	13
190	3·6	170	4·6	170	3·3	180	4·6	180	3·9	190	3·3	210	2·6	220	2·6	220	2·6	230	3·0	220	2·0	—	1·0	2·6	14
40	3·6	50	4·6	50	4·3	50	3·6	40	3·9	40	3·6	30	2·3	10	2·0	20	2·0	—	1·3	—	0·7	—	0·3	2·7	15
170	3·3	190	3·6	190	4·6	200	2·6	200	2·6	190	2·6	180	2·6	190	2·6	180	3·0	170	2·0	190	1·6	—	1·3	2·4	16
170	4·3	170	4·3	180	3·9	170	4·3	170	3·3	180	2·3	180	3·6	170	2·3	160	2·6	150	2·3	180	1·6	180	2·6	2·7	17
140	4·9	150	3·9	140	3·0	160	4·6	150	3·6	140	3·3	140	3·3	—	1·0	—	1·0	160	2·3	140	1·6	—	1·0	2·6	18
70	3·0	120	1·6	130	2·0	130	2·3	140	3·6	130	2·3	—	1·3	—	0·7	—	1·0	—	0·0	—	0·3	—	0·3	1·6	19
130	2·0	—	0·7	300	3·0	300	3·6	300	3·0	310	2·6	330	2·0	340	1·6	—	1·3	—	1·3	320	2·0	—	0·3	1·6	20
160	3·3	170	3·3	170	3·0	180	2·6	160	2·0	130	1·6	130	1·6	—	1·0	—	1·0	—	0·7	—	0·3	—	0·3	1·5	21
80	2·6	80	2·0	70	2·0	—	1·3	—	1·0	30	1·6	320	1·6	—	0·3	—	1·3	—	1·3	—	1·0	310	3·3	1·2	22
330	4·6	340	5·2	330	4·3	330	4·9	350	3·9	340	4·3	340	4·6	330	4·9	330	5·2	320	4·6	330	4·6	330	4·6	4·0	23
40	5·2	60	4·9	50	5·6	50	4·9	50	4·9	40	4·9	40	3·6	40	3·3	50	3·0	40	2·3	50	2·0	—	0·7	3·9	24
170	4·6	180	5·2	180	4·9	180	3·6	170	3·0	190	3·3	210	2·0	—	1·3	150	1·6	160	2·0	150	2·0	150	2·0	2·5	25
140	1·6	—	1·3	190	2·0	170	2·3	140	1·6	140	1·6	—	1·0	—	1·3	—	0·3	—	0·0	—	0·3	—	0·7	**1·1**	26
110	3·6	90	2·0	60	3·3	50	3·3	60	2·3	60	2·0	40	2·0	10	1·6	360	2·0	10	2·6	340	1·6	—	1·3	2·2	27
120	2·6	120	3·0	120	2·6	120	1·6	—	1·3	150	1·6	—	1·3	—	1·3	—	1·3	—	0·3	—	1·0	—	0·3	2·1	28
180	2·6	—	1·3	—	0·7	—	0·7	70	2·0	—	1·3	—	0·3	—	0·3	—	1·0	—	1·0	300	2·0	300	3·0	1·5	29
190	2·0	190	1·6	200	2·3	—	1·3	—	1·3	320	2·0	300	2·0	290	2·3	300	2·3	300	2·0	—	0·7	—	1·0	2·4	30
310	3·6	320	4·9	310	5·2	320	4·3	330	3·9	340	4·3	330	3·3	—	2·3	—	1·6	—	1·0	260	2·0	270	2·3	3·1	31
—	**3·6**	—	3·3	—	3·3	—	3·1	—	2·8	—	2·6	—	2·2	—	1·8	—	1·8	—	1·7	—	1·5	—	1·5	2·4	

August, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
310	4·6	310	4·9	310	2·3	330	3·9	340	2·6	330	2·3	310	2·0	—	1·3	—	1·0	—	1·0	290	1·6	300	3·0	3·1	1
330	6·2	320	6·9	320	7·5	320	6·9	320	5·6	320	6·6	320	4·9	310	2·6	310	2·6	310	2·0	—	0·7	—	1·3	4·6	2
130	3·9	130	3·3	120	3·0	110	2·6	120	3·3	120	2·6	140	2·6	150	2·0	—	1·3	—	0·7	—	1·0	210	1·6	2·2	3
90	2·0	90	2·6	110	2·0	120	2·3	110	2·3	—	1·3	—	1·3	—	0·7	—	1·0	—	1·3	—	1·3	—	1·0	**1·2**	4
110	3·6	120	3·9	110	2·6	130	3·0	140	2·6	160	3·0	180	2·0	160	3·0	160	3·3	190	3·0	200	1·6	200	1·6	2·3	5
200	3·6	210	3·0	60	2·6	30	2·3	50	3·9	50	2·0	—	0·7	—	0·0	—	0·0	—	0·3	—	1·3	230	1·6	2·4	6
180	6·6	180	4·9	170	5·2	170	4·6	180	4·3	180	4·3	190	2·6	200	2·6	200	2·3	230	2·0	—	1·0	—	0·7	3·0	7
170	4·3	200	4·3	190	4·9	190	3·9	200	3·9	200	3·9	210	2·6	200	2·3	—	1·3	—	0·7	—	1·0	—	1·0	2·1	8
190	4·3	190	4·9	200	3·9	220	5·9	240	6·9	250	3·9	220	3·9	210	2·3	190	2·3	180	3·6	190	3·3	200	4·3	3·2	9
190	5·2	180	4·9	180	4·3	180	3·3	190	3·3	190	3·6	200	2·6	210	2·0	250	2·0	—	1·0	—	0·7	—	0·7	3·4	10
170	3·0	170	4·3	160	3·6	150	3·9	190	3·6	210	3·3	240	3·0	220	3·3	210	3·0	200	2·6	200	2·0	190	2·6	3·0	11
200	5·2	210	4·9	200	3·0	160	3·3	180	5·2	200	3·6	200	1·6	—	1·0	—	1·3	—	1·3	—	0·7	—	1·3	4·0	12
350	2·0	350	2·6	350	3·0	340	3·0	340	3·0	350	3·3	350	2·0	—	1·0	300	1·6	300	1·6	—	1·0	—	1·3	1·6	13
340	3·9	350	4·3	340	3·6	350	4·6	350	2·3	340	2·3	—	0·7	—	0·7	—	0·3	—	1·0	300	1·6	300	1·6	2·4	14
310	3·0	100	2·3	150	2·3	130	2·0	79	2·3	350	3·3	330	4·9	340	2·6	320	3·0	300	2·3	—	1·0	290	1·6	2·3	15
160	3·9	160	3·9	160	3·6	140	2·6	140	2·0	170	2·0	—	1·0	—	0·7	—	1·0	—	0·7	—	0·7	—	1·0	2·4	16
320	3·9	340	3·0	340	3·0	360	3·3	350	3·0	350	1·6	10	1·6	—	1·3	—	1·0	—	1·0	20	1·6	—	1·0	2·7	17
90	3·3	90	3·0	110	2·6	110	2·3	100	2·0	80	2·0	80	1·6	—	1·0	—	0·7	—	0·7	—	0·7	—	1·0	1·8	18
150	3·3	150	3·6	160	3·6	170	3·6	180	2·6	170	3·0	170	2·6	170	1·6	170	1·6	170	1·6	160	1·6	150	2·3	2·0	19
170	3·3	170	3·6	160	4·6	170	4·3	170	3·6	170	3·0	170	3·0	170	3·3	170	3·3	170	3·3	190	2·3	150	3·0	2·5	20
110	3·9	120	3·6	110	2·6	100	3·9	80	2·6	70	3·0	70	2·3	80	2·3	—	1·3	130	2·6	140	3·6	120	2·3	3·0	21
70	4·6	60	4·3	50	5·2	40	4·9	30	5·6	40	5·6	40	5·9	40	5·6	40	5·6	40	5·2	40	6·9	40	6·6	3·6	22
60	4·6	50	4·9	40	4·6	40	3·6	30	3·0	30	3·0	20	1·6	—	1·3	330	2·3	340	1·6	—	1·0	—	1·3	3·2	23
340	3·3	330	3·9	340	3·6	350	3·3	350	2·3	360	2·6	340	2·3	330	2·6	320	2·3	320	2·3	310	3·0	320	3·3	2·7	24
320	3·6	330	3·3	340	2·3	350	2·3	360	2·0	—	1·3	160	2·0	—	1·3	—	0·7	—	1·0	290	2·0	290	1·6	2·7	25
170	5·2	180	4·6	180	3·3	180	3·6	190	3·9	190	3·0	220	3·0	210	3·3	220	3·0	—	0·7	—	0·7	240	2·6	2·8	26
230	3·3	250	3·0	280	2·3	270	3·9	280	2·3	280	3·3	300	1·6	—	0·7	290	2·3	320	2·0	—	0·7	290	1·6	2·2	27
210	5·2	210	5·6	200	4·9	210	7·9	220	8·2	220	5·6	220	6·2	210	5·2	210	4·3	190	2·6	280	4·6	280	2·0	3·7	28
290	6·2	300	6·6	290	7·2	290	8·9	300	10·5	290	7·5	290	5·9	280	4·3	250	3·3	260	3·3	270	4·9	280	5·2	**5·0**	29
200	2·0	220	1·6	220	1·6	—	0·7	—	1·0	190	1·6	210	2·0	220	2·3	230	3·0	220	2·0	—	1·3	—	1·3	2·4	30
300	6·6	300	4·9	290	3·9	280	3·3	260	2·6	260	3·6	270	3·9	280	3·9	270	3·3	260	3·9	240	3·6	230	3·3	2·9	31
—	**4·1**	—	4·0	—	3·6	—	3·8	—	3·6	—	3·3	—	2·7	—	2·2	—	2·1	—	1·9	—	1·9	—	2·1	2·8	—
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North. ($E = 90°$, $S = 180°$, $W = 270°$, $N = 360°$) : *Speed in metres per second.*

93. Aberdeen : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	220	2·3	240	2·6	230	2·0	230	2·6	270	6·2	230	3·3	250	3·6	260	4·3	280	5·6	280	5·2	280	5·9	280	7·5
2	300	6·9	290	4·3	290	6·2	290	5·6	280	3·0	260	2·3	260	3·0	280	5·9	280	5·9	280	5·6	280	5·2	280	5·2
3	350	3·6	330	3·6	300	3·9	290	2·6	300	5·2	300	5·2	310	8·2	310	8·9	310	10·5	320	8·5	320	10·8	330	7·5
4	290	4·9	300	5·2	290	5·6	300	6·2	310	3·9	300	6·2	310	6·6	310	7·9	310	8·2	300	8·9	310	7·5	310	10·2
5	290	5·6	310	6·9	300	3·9	300	4·9	290	5·9	300	7·9	300	6·2	310	8·5	310	8·5	310	9·2	310	9·8	310	9·2
6	310	4·9	320	5·9	320	6·6	320	6·2	320	6·2	320	6·9	310	6·6	320	8·5	330	6·9	320	7·5	320	6·6	320	6·9
7	290	3·6	290	3·9	300	5·9	300	4·6	300	3·9	300	3·6	290	3·9	290	4·9	300	3·9	300	4·6	300	6·6	300	5·2
8	310	4·3	310	4·3	300	3·6	280	2·6	290	2·6	300	3·3	290	2·6	300	3·9	300	5·2	310	5·2	310	4·9	320	3·9
9	300	3·6	300	2·6	310	3·0	290	2·3	—	1·0	—	1·3	300	1·6	300	2·0	310	2·3	10	1·6	30	2·0	50	4·9
10	310	3·3	310	3·9	310	3·6	310	3·9	310	3·6	300	3·3	320	4·6	330	4·3	340	4·3	20	5·9	40	5·6	40	7·2
11	320	3·9	320	3·0	320	3·9	320	4·3	320	3·9	300	3·0	320	4·9	330	5·9	320	4·6	350	3·3	330	3·9	340	3·6
12	300	3·9	300	4·3	300	3·9	300	3·9	300	3·6	300	3·9	310	3·9	310	4·6	340	3·3	350	3·0	360	3·3	10	2·3
13	—	1·3	240	2·6	230	1·6	230	1·6	—	1·3	—	1·3	200	1·6	200	2·3	210	3·0	210	3·9	210	4·6	210	5·9
14	220	2·3	220	2·0	220	4·3	220	3·9	210	2·6	—	1·0	200	2·0	220	2·6	210	3·0	210	3·3	220	2·6	240	2·6
15	—	0·3	—	0·3	—	0·7	—	0·3	200	1·6	190	3·0	190	2·0	190	3·0	190	2·3	190	4·6	180	5·2	170	4·6
16	170	6·6	170	7·5	170	5·6	170	5·2	180	4·3	180	4·6	190	4·3	190	3·3	190	3·3	190	3·3	180	3·3	180	3·6
17	290	1·6	300	3·0	300	3·6	300	3·0	280	2·0	280	3·0	290	3·0	300	2·0	—	1·3	90	2·0	90	2·3	100	2·3
18	—	0·3	—	0·7	—	1·3	—	1·0	—	0·3	—	0·3	—	0·7	—	0·7	220	2·0	240	2·3	250	3·6	250	2·3
19	—	0·7	—	1·3	—	1·3	220	3·0	220	2·6	210	1·6	—	1·3	180	2·3	180	3·0	180	3·9	190	3·9	180	3·6
20	30	4·3	320	3·6	290	4·3	280	4·6	270	5·6	270	5·9	260	5·2	260	6·2	260	7·2	250	6·6	250	7·9	260	6·6
21	230	1·6	250	2·0	280	1·6	—	0·7	300	1·6	270	1·6	—	0·7	260	1·6	260	2·6	260	2·0	250	2·3	260	3·3
22	220	2·6	220	1·6	220	2·3	—	1·3	—	1·3	230	3·0	230	2·3	210	3·6	200	2·6	200	3·6	200	3·0	170	3·0
23	320	5·2	320	5·6	310	6·6	300	6·9	310	6·6	300	6·2	300	6·9	300	6·9	300	6·6	320	4·6	320	6·9	310	7·2
24	290	4·6	290	6·2	290	6·6	290	6·2	290	3·9	300	5·2	300	5·6	300	6·6	280	3·6	290	5·6	290	6·2	300	6·2
25	270	3·6	290	3·0	270	3·0	270	2·3	280	1·6	290	2·6	—	1·0	—	1·0	—	1·3	—	0·7	150	2·6	160	3·3
26	310	2·3	320	2·0	320	2·6	320	2·6	310	3·0	310	4·3	310	4·3	310	4·9	310	4·6	330	3·9	330	4·6	340	3·6
27	300	5·2	300	4·9	300	4·9	290	3·6	290	3·3	300	3·9	300	3·3	310	4·3	310	6·2	310	6·9	310	6·6	310	6·6
28	—	1·3	200	2·0	—	1·0	—	1·3	220	3·3	210	2·0	210	3·0	220	3·3	—	1·3	190	2·0	190	2·0	200	3·0
29	150	2·0	180	1·6	190	1·6	200	1·6	—	1·0	—	0·3	—	1·3	330	2·6	350	2·3	330	2·3	330	2·0	10	1·6
30	210	2·3	240	2·0	—	1·0	220	2·0	220	2·6	220	2·3	—	1·3	200	2·0	200	1·6	200	3·0	200	3·6	190	3·3
Mean ...	—	3·3	—	3·4	—	3·5	—	3·4	—	3·3	—	3·4	—	3·5	—	4·3	—	4·2	—	4·4	—	4·8	—	4·9

94. Aberdeen : H_a = 13 metres + 23 metres.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	1·3	—	1·3	240	1·6	280	2·0	270	2·6	—	1·0	—	1·3	—	1·0	—	0·7	—	0·7	—	1·0	160	2·6
2	—	1·0	—	1·0	—	0·3	—	0·7	—	0·7	—	1·0	—	1·3	—	1·0	—	1·0	230	1·6	200	2·0	190	1·6
3	220	4·3	210	2·6	210	1·6	190	2·3	—	1·3	140	2·0	—	1·0	—	0·7	—	0·7	300	6·9	340	5·9	340	4·9
4	310	2·0	310	3·0	300	2·0	—	0·7	290	2·0	290	2·6	300	2·0	300	2·0	—	0·7	—	1·0	240	2·0	200	3·0
5	—	0·3	—	0·7	—	1·3	—	1·0	300	3·6	300	4·9	300	3·9	350	1·6	30	2·3	340	2·6	320	3·0	30	1·6
6	—	1·3	—	1·3	—	0·3	—	0·7	—	1·0	—	1·3	—	1·0	—	0·7	—	1·0	350	2·3	310	4·3	350	2·6
7	320	2·3	10	3·3	340	3·0	330	2·6	310	2·0	340	2·6	350	3·3	340	3·9	360	3·0	360	3·6	10	4·9	360	3·9
8	310	2·3	300	2·0	300	2·3	290	3·6	290	3·3	300	3·3	290	3·0	290	3·6	290	3·3	290	4·3	290	3·9	280	3·6
9	270	3·9	260	2·3	—	1·3	—	1·3	—	1·3	260	2·0	—	1·3	—	1·3	250	2·3	220	2·6	210	2·3	190	2·3
10	—	1·3	300	2·6	300	2·6	300	2·0	—	1·3	—	1·3	—	1·0	240	2·0	270	1·6	280	2·3	300	3·3	300	4·3
11	280	2·6	290	2·6	300	3·9	310	3·6	—	1·3	—	0·3	—	0·3	—	1·0	—	1·3	240	2·0	240	2·3	240	2·3
12	310	3·0	310	3·0	320	2·3	330	3·9	320	3·6	300	2·3	300	3·0	300	3·0	320	3·0	320	3·6	320	3·6	320	4·9
13	310	3·3	300	3·3	290	3·6	300	3·0	300	2·0	290	3·6	300	3·0	300	4·9	310	4·9	300	5·6	310	6·2	320	8·5
14	300	7·5	310	7·9	310	6·2	300	5·2	300	8·2	300	8·2	320	8·9	320	6·6	320	7·5	320	6·2	340	5·2	320	5·6
15	300	3·3	280	3·0	290	3·6	290	3·9	300	3·3	300	3·3	300	3·3	280	3·6	290	4·6	300	4·6	310	5·2	310	6·6
16	290	4·3	290	3·6	290	3·9	300	3·9	310	4·9	290	4·6	290	4·6	300	3·6	300	4·6	300	4·9	300	4·6	310	3·9
17	—	1·0	—	1·3	210	2·0	210	3·0	200	2·6	170	4·9	170	6·2	170	6·2	180	4·9	210	3·0	220	2·6	230	2·0
18	—	1·3	300	3·0	310	4·3	320	5·2	330	5·9	360	5·6	360	5·2	10	4·9	360	3·6	20	4·3	10	3·9	10	5·2
19	290	2·6	300	3·3	300	3·0	300	3·3	300	3·6	290	3·0	290	2·6	290	3·0	300	1·6	—	1·0	100	1·6	130	2·6
20	160	8·2	150	7·2	150	8·9	150	8·5	160	9·5	160	6·6	170	7·2	170	6·9	170	6·6	160	7·5	150	8·9	160	6·9
21	—	1·0	—	1·3	—	0·7	—	1·3	—	1·3	210	2·3	—	1·0	200	2·3	190	2·3	210	2·3	200	3·3	240	1·6
22	190	3·9	190	4·3	190	3·6	190	2·6	190	2·3	180	3·0	170	2·3	180	3·9	160	3·0	170	3·9	180	3·9	180	4·6
23	90	6·2	100	6·6	130	6·6	140	6·6	130	6·9	120	7·2	120	7·5	120	7·2	120	6·9	130	4·3	130	2·6	—	1·3
24	200	3·0	200	3·0	210	3·3	210	2·6	220	2·6	210	2·6	210	2·0	210	2·6	200	1·6	210	3·0	230	4·3	230	4·6
25	—	0·3	—	0·3	—	1·0	—	0·3	—	0·7	—	0·7	220	1·6	250	3·3	250	3·3	240	2·3	250	2·6	270	2·3
26	200	3·0	200	3·0	190	3·6	170	2·3	150	2·3	190	3·6	200	3·3	180	4·3	170	4·3	170	5·6	170	5·9	170	5·6
27	180	5·2	170	6·9	180	6·2	180	5·6	180	6·2	180	4·3	180	4·9	190	4·6	190	3·9	190	3·6	180	4·3	180	5·9
28	280	6·9	290	7·5	270	4·6	280	3·0	280	3·3	230	1·6	220	1·6	220	2·0	220	2·0	220	2·6	210	2·6	220	2·6
29	180	5·6	200	4·9	200	3·6	220	3·3	230	2·0	230	3·6	220	2·3	230	2·6	220	2·6	220	3·6	230	3·9	230	4·6
30	180	5·9	180	4·6	180	4·6	180	3·3	190	3·3	190	3·0	190	3·9	180	3·9	180	3·6	180	4·6	180	4·9	180	4·9
31	170	2·0	170	2·0	180	2·0	180	3·3	200	2·3	200	2·6	200	2·6	200	3·0	190	1·6	200	3·0	190	3·6	190	3·6
Mean ...	—	3·2	—	3·3	—	3·2	—	3·1	—	3·1	—	3·2	—	3·1	—	3·3	—	3·0	—	3·5	—	3·8	—	3·9
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 13 metres + 23 metres.

September, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
300	7·9	290	5·9	290	6·2	280	4·6	280	5·6	280	4·6	280	5·6	280	3·3	280	5·2	290	4·6	290	5·6	290	6·6	4·8	1
280	4·6	290	4·9	—	1·3	—	1·0	—	1·3	260	1·6	250	3·0	280	3·0	250	1·6	260	2·6	260	3·0	270	4·3	3·9	2
330	8·9	320	9·5	320	8·2	320	9·2	320	6·9	320	7·2	320	5·6	310	6·6	310	6·6	300	5·9	300	6·2	290	4·9	6·8	3
310	9·2	310	9·8	310	9·5	310	10·5	310	10·5	300	9·8	300	9·2	310	9·8	310	10·2	300	6·9	300	6·9	310	6·6	**7·9**	4
310	7·9	310	8·5	310	7·9	310	6·9	320	5·6	320	5·2	310	4·6	310	4·9	310	5·6	310	6·6	310	6·6	310	5·9	6·8	5
310	6·9	310	7·9	310	6·9	310	9·5	310	8·2	310	6·6	310	5·6	310	6·9	310	6·9	310	6·6	300	6·2	300	6·9	6·8	6
300	3·6	290	3·6	290	3·0	310	3·9	10	2·0	360	2·3	360	2·0	330	3·3	310	2·0	310	2·0	300	2·6	300	3·9	3·8	7
310	3·9	310	4·9	310	4·3	310	5·2	310	4·3	300	3·3	300	3·6	300	2·3	290	3·3	290	3·3	300	4·6	300	3·3	3·9	8
50	4·3	40	5·6	40	6·9	40	6·9	20	5·6	10	5·9	350	3·9	340	3·3	330	3·3	330	3·6	330	4·3	320	3·6	3·5	9
40	7·5	40	6·6	20	6·6	10	5·9	10	4·6	360	3·9	350	3·6	350	4·3	350	3·6	340	3·9	330	4·3	320	3·3	4·7	10
360	4·6	340	4·9	350	5·2	350	3·3	340	3·6	330	3·6	320	3·9	320	4·6	310	3·3	310	3·0	300	3·3	300	4·3	4·0	11
40	3·6	50	3·0	70	3·0	70	3·3	90	2·0	110	1·6	—	1·3	—	1·3	—	1·3	—	1·0	—	0·7	—	0·3	2·8	12
220	5·9	210	4·9	210	5·2	210	5·2	220	4·6	220	5·2	230	3·6	230	3·6	240	2·3	—	1·3	—	1·0	—	1·3	3·1	13
220	3·0	210	3·3	200	2·6	210	3·6	200	3·0	200	3·0	230	3·0	220	2·6	230	2·6	230	3·0	—	1·0	—	0·7	2·7	14
170	4·6	170	6·2	170	4·9	160	5·6	160	5·6	160	5·6	160	4·9	170	4·9	160	6·9	170	4·6	160	4·6	170	6·6	3·7	15
210	2·3	210	2·0	190	2·3	190	2·0	—	1·0	—	1·3	330	2·0	—	0·7	310	1·6	300	1·6	290	2·6	300	1·6	3·3	16
110	2·6	110	2·6	130	2·0	150	2·0	180	1·6	—	0·7	—	1·0	—	1·3	230	2·0	260	2·0	—	0·7	—	0·7	2·0	17
230	3·9	230	3·3	230	3·6	230	3·6	230	2·6	230	3·3	230	3·0	240	1·6	—	0·7	240	1·6	220	3·0	230	1·6	1·9	18
170	4·6	150	5·2	150	5·2	140	4·6	140	5·2	130	4·6	110	5·2	100	5·2	70	5·6	80	8·9	70	9·2	60	6·9	4·0	19
240	6·6	240	5·6	240	4·9	230	4·6	220	3·9	230	4·6	230	3·9	230	3·0	230	2·6	—	1·3	220	2·3	240	2·0	4·8	20
290	3·0	290	6·9	270	3·3	270	3·6	260	3·6	260	3·0	260	3·6	240	2·6	250	3·6	240	3·3	240	2·6	230	2·3	2·6	21
170	3·0	150	2·3	140	2·3	160	3·9	150	2·6	130	2·3	100	1·6	10	2·0	360	2·3	360	3·6	340	3·9	330	5·2	2·7	22
310	6·2	320	5·6	310	5·2	310	5·6	320	4·9	310	5·2	310	4·6	300	5·2	290	4·6	280	3·9	290	3·6	280	4·3	5·7	23
310	6·2	300	7·2	290	3·0	290	2·0	270	2·3	270	2·6	270	3·3	270	3·3	280	3·6	290	4·6	270	2·0	270	2·6	4·6	24
160	3·3	160	3·6	160	3·6	180	3·3	190	2·6	190	2·3	190	2·3	170	2·6	200	3·0	—	1·0	—	1·0	310	2·0	2·4	25
340	3·3	350	3·3	340	4·3	330	4·6	330	5·2	320	4·9	320	4·6	320	4·3	320	3·9	300	3·6	310	4·3	310	5·6	3·9	26
310	6·2	320	5·6	320	4·6	340	2·0	—	0·7	—	0·7	—	1·0	—	1·0	—	1·0	220	1·6	—	1·3	—	1·0	3·7	27
190	2·6	200	2·0	210	2·6	240	4·9	230	5·9	210	4·6	200	3·6	190	3·3	190	3·9	160	2·6	170	2·6	170	1·6	2·7	18
—	1·3	—	1·3	—	0·7	—	1·3	—	0·7	—	0·7	—	1·3	—	1·3	210	2·0	—	1·0	—	1·3	200	1·6	**1·4**	29
190	3·9	200	3·6	200	3·6	180	3·3	220	2·6	230	3·3	250	2·0	280	2·6	270	1·6	—	1·3	—	1·0	—	0·3	2·4	30
—	4·8	—	**5·0**	—	4·4	—	4·5	—	4·0	—	3·8	—	3·5	—	3·5	—	3·6	—	3·4	—	3·4	—	3·4	3·9	—

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13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
140	1·6	120	2·0	—	1·3	—	1·0	—	1·3	—	1·0	—	0·7	—	1·0	—	1·3	—	1·3	—	1·0	—	1·3	1·3	1
210	1·6	150	1·6	—	1·3	—	1·0	—	0·7	—	1·0	—	1·0	—	1·3	—	1·0	210	2·3	—	1·3	210	1·6	**1·2**	2
350	4·9	350	3·6	350	3·6	330	3·3	320	3·0	310	2·6	310	3·3	300	2·6	300	3·0	310	3·3	300	3·6	300	1·6	3·0	3
210	1·6	180	3·6	210	4·3	210	3·6	220	3·9	210	3·0	220	2·3	220	1·6	230	2·0	—	1·0	—	0·7	—	0·3	2·1	4
—	1·0	160	2·0	170	1·6	200	1·6	200	2·3	200	3·0	200	3·0	200	2·0	—	0·7	—	1·3	—	1·0	—	0·7	1·9	5
—	1·3	140	2·0	10	2·6	290	3·6	300	3·3	270	3·0	290	3·9	310	4·9	320	3·6	350	2·6	340	2·6	320	3·3	2·2	6
340	3·3	350	4·3	350	3·6	350	3·0	340	2·6	340	2·3	330	2·6	310	2·6	320	3·3	300	2·6	290	2·3	300	1·6	3·1	7
300	4·3	310	3·9	300	4·6	300	3·6	—	1·3	270	2·0	270	2·6	280	2·3	280	2·0	280	2·6	270	3·3	260	3·6	3·1	8
200	3·0	200	2·0	—	1·0	310	1·6	360	1·6	—	1·0	—	0·7	—	1·0	—	0·7	—	1·0	—	1·3	—	1·3	1·7	9
300	3·3	300	4·3	290	4·6	290	3·9	310	3·6	350	2·3	290	2·0	280	1·6	290	2·3	290	2·0	290	3·0	290	2·6	2·5	10
210	2·6	220	3·0	240	3·3	240	3·0	260	3·3	280	5·6	290	7·2	300	5·6	330	5·2	320	5·6	320	4·3	320	3·9	3·1	11
320	4·9	320	4·3	310	3·6	300	3·3	300	3·0	290	2·3	290	2·0	300	2·6	290	2·0	300	3·9	300	3·6	300	3·6	3·3	12
310	7·2	320	7·5	310	7·2	310	8·2	310	7·2	310	8·2	300	6·9	310	9·2	300	7·2	300	7·9	310	7·5	310	8·2	5·9	13
330	7·5	320	7·2	320	6·6	310	5·6	310	5·6	320	3·6	310	4·6	300	5·6	290	3·9	300	5·2	300	5·2	300	3·9	6·2	14
310	5·2	310	6·2	310	5·2	310	5·2	310	4·6	300	4·6	300	3·6	300	3·3	290	3·0	310	4·9	300	3·3	290	3·6	4·2	15
310	3·6	310	3·9	310	3·0	—	1·3	—	1·0	300	1·6	290	2·0	290	2·0	300	2·0	290	1·6	—	1·0	—	1·0	3·2	16
290	4·3	280	4·3	280	4·6	290	4·6	270	3·9	260	2·6	170	1·6	200	1·6	210	1·6	220	2·0	220	2·0	240	1·6	3·1	17
20	4·9	10	3·6	20	3·9	360	2·3	340	2·0	320	3·0	300	3·3	300	3·3	300	3·6	300	2·6	300	3·3	300	3·3	3·8	18
140	3·9	150	3·3	150	3·3	140	3·6	150	4·3	150	4·3	150	4·9	150	5·6	140	5·9	150	6·9	150	6·9	150	7·9	3·7	19
160	8·2	160	8·2	160	8·2	160	7·2	160	6·9	150	6·9	170	4·6	180	3·0	170	2·0	200	2·0	180	2·0	190	2·3	**6·5**	20
210	1·6	210	2·6	200	2·0	210	3·3	200	2·6	190	2·0	—	1·3	200	2·6	190	2·6	190	3·6	180	4·9	190	3·9	2·2	21
170	4·3	170	4·6	160	4·6	160	4·3	160	3·9	170	4·3	170	5·9	170	3·3	170	3·0	150	3·6	150	3·6	120	4·6	3·8	22
—	1·3	250	2·3	250	3·6	260	3·0	240	3·3	210	2·0	—	1·3	210	3·3	220	3·9	220	2·6	200	2·0	—	1·3	4·2	23
230	3·9	210	3·6	210	2·6	220	3·6	220	2·3	250	2·3	—	0·7	—	1·0	260	1·6	—	1·0	—	1·0	—	1·0	2·5	24
280	3·6	270	1·6	—	1·0	260	1·6	230	2·0	240	3·3	230	2·6	230	4·3	220	3·3	220	4·6	230	4·3	210	3·3	2·2	25
170	6·2	160	8·2	160	8·5	170	7·9	190	6·9	220	5·6	210	6·9	220	5·6	210	4·6	210	4·6	190	4·3	180	4·3	5·0	26
180	6·2	180	4·9	180	4·3	190	3·3	210	2·6	230	3·3	260	3·0	280	2·6	250	3·0	250	4·6	270	5·6	270	6·2	4·6	27
220	3·6	210	4·3	210	3·9	220	4·3	200	3·0	200	2·3	200	3·6	200	3·6	180	4·9	170	4·6	170	5·9	170	6·2	3·8	28
230	3·9	220	2·6	200	2·3	170	2·0	160	3·3	150	3·0	150	1·6	190	3·0	190	3·3	190	3·6	160	2·3	190	3·6	3·3	29
170	4·6	180	3·3	170	3·3	160	2·6	190	3·0	190	3·3	180	3·0	180	3·9	190	1·6	190	1·6	170	2·0	170	2·0	3·6	30
190	2·6	—	1·3	150	2·0	150	2·6	—	1·3	—	1·3	—	0·7	—	0·7	—	0·7	140	2·0	—	1·0	—	0·3	2·0	31
—	3·9	—	3·9	—	3·7	—	3·5	—	3·2	—	3·1	—	3·0	—	3·1	—	**2·9**	—	3·2	—	3·1	—	3·0	3·3	—
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day

Direction expressed in degrees from North. ($E=90°$, $S=180°$, $W=270°$, $N=360°$) : *Speed in metres per second.*

95. Aberdeen : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	0·7	—	1·0	—	1·0	190	1·6	200	2·0	—	1·3	—	1·3	190	1·6	—	1·3	180	3·0	170	3·0	160	4·3
2	150	8·2	150	7·9	150	7·2	150	7·9	140	8·5	150	7·5	140	8·5	140	8·2	150	7·5	160	7·2	160	6·6	170	5·6
3	230	2·6	210	1·6	—	1·3	210	1·6	—	0·7	—	0·3	—	0·0	—	0·7	—	1·3	300	2·6	300	2·0	—	1·0
4	300	5·6	300	4·9	300	3·0	280	2·6	290	3·0	290	3·0	300	3·3	300	3·9	280	1·6	280	2·6	270	2·0	270	2·3
5	290	2·3	290	2·3	290	2·0	290	2·6	300	2·3	290	2·0	280	1·6	290	3·3	300	2·3	300	2·3	300	3·3	320	2·6
6	320	3·0	320	3·6	310	3·3	310	4·6	330	3·0	320	2·6	310	3·0	310	3·0	310	2·0	310	2·0	320	2·3	330	1·6
7	300	2·6	310	2·0	10	2·3	40	4·9	60	4·9	60	5·9	60	6·9	60	6·2	60	6·9	70	6·6	80	7·2	60	8·5
8	40	10·2	40	9·5	30	6·6	60	9·5	20	5·9	10	4·9	340	3·6	330	3·3	320	4·6	330	3·6	320	5·2	320	4·6
9	300	3·9	300	3·3	300	4·3	300	4·6	290	4·3	300	4·6	300	3·6	300	4·6	300	4·6	290	3·6	290	3·9	290	3·9
10	300	4·3	300	5·9	300	5·6	300	6·6	310	5·2	310	5·9	310	5·6	310	5·2	310	4·6	310	5·2	320	3·9	310	5·2
11	300	3·9	290	4·3	290	2·6	300	4·3	300	4·3	300	3·0	300	3·6	300	3·3	300	3·9	300	3·3	300	3·6	300	3·6
12	—	1·3	230	2·0	—	0·7	—	0·7	220	3·0	220	2·3	220	2·6	200	2·3	—	1·3	240	1·6	160	1·6	210	2·6
13	210	3·3	220	3·0	210	3·0	220	3·0	220	3·0	210	4·3	210	3·6	220	4·3	210	3·0	200	4·3	210	3·6	220	3·6
14	—	1·3	290	2·3	290	2·0	290	2·0	290	2·0	—	1·3	290	1·6	300	2·6	290	2·0	—	1·3	300	2·0	300	2·0
15	210	3·6	220	3·6	220	4·6	240	3·3	230	2·6	210	2·0	180	1·6	210	2·3	190	1·6	210	2·0	210	3·0	200	3·3
16	240	3·0	—	1·0	—	0·7	—	0·7	—	0·7	290	2·0	300	3·0	300	2·6	280	1·6	280	2·0	300	3·3	290	3·0
17	290	2·0	280	3·0	290	3·0	290	2·6	290	2·3	290	2·6	290	2·6	290	2·0	300	2·3	290	2·6	300	2·0	—	1·0
18	230	2·6	230	2·0	240	1·6	250	1·6	230	1·6	—	1·3	—	1·3	—	1·3	—	0·7	220	2·3	210	2·6	200	3·0
19	240	2·3	—	1·0	290	2·3	280	2·0	260	2·0	290	1·6	—	1·3	290	2·3	290	1·6	300	3·0	300	1·6	310	2·0
20	—	1·3	260	1·6	—	1·0	—	0·7	290	1·6	240	2·0	250	2·6	220	2·0	220	1·6	260	1·6	240	2·3	260	3·9
21	240	2·0	—	1·0	—	1·3	—	1·3	260	2·0	260	1·6	290	2·0	280	1·6	—	1·0	—	1·0	—	1·0	—	0·7
22	260	2·0	250	2·6	230	2·6	220	2·0	240	2·6	220	3·3	220	3·3	220	2·6	230	1·6	—	1·3	320	2·6	300	4·9
23	310	3·3	310	3·6	300	3·6	310	2·6	310	3·0	300	3·6	290	2·6	290	3·0	290	3·0	290	3·3	290	3·3	280	4·9
24	290	2·6	270	3·0	270	2·6	270	3·0	280	3·6	290	5·6	290	4·3	290	4·9	280	2·6	290	3·9	290	3·9	290	2·6
25	330	10·2	340	8·5	340	9·5	340	8·5	350	7·9	350	6·6	350	7·2	340	7·5	350	5·9	340	7·2	350	7·2	340	7·2
26	310	4·9	300	3·9	290	3·3	290	3·6	300	5·2	300	3·6	300	3·9	300	3·3	290	3·3	290	2·3	280	2·6	280	3·0
27	330	6·2	320	6·6	320	6·9	320	7·2	340	6·6	340	3·6	350	7·2	340	5·2	340	5·9	330	6·9	340	5·9	330	6·9
28	330	7·5	330	7·2	330	7·9	330	7·5	320	8·5	320	7·2	320	6·9	330	8·9	330	4·9	340	5·9	350	5·9	340	5·2
29	320	2·6	300	3·3	300	4·6	290	3·3	290	3·0	260	2·0	—	1·3	240	2·0	230	4·6	230	5·6	210	5·9	200	4·9
30	310	3·6	320	4·6	360	5·6	120	7·2	110	8·5	110	8·5	110	8·9	100	7·9	9·0	8·9	80	10·5	80	10·2	80	8·2
Mean ...	—	3·8	—	3·7	—	3·5	—	3·8	—	3·8	—	3·5	—	3·6	—	3·7	—	3·3	—	3·7	—	3·8	—	3·9

96. Aberdeen : $H_a = 13$ metres $+ 23$ metres.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	320	2·3	310	2·6	320	3·9	330	3·0	330	2·6	300	3·6	310	3·9	320	4·3	320	3·9	300	4·9	310	4·9	310	6·9
2	310	5·2	310	5·2	320	4·9	320	5·2	320	5·9	320	5·6	310	5·9	310	4·9	310	4·3	310	3·3	300	5·2	310	5·2
3	300	4·6	300	3·3	300	4·3	300	3·9	290	4·6	290	3·6	290	3·6	310	3·0	290	3·3	300	3·6	300	2·6	310	3·3
4	—	1·3	—	1·0	—	1·0	—	1·3	250	2·0	250	2·0	—	1·0	230	1·6	—	1·3	230	1·6	230	2·0	220	2·6
5	—	1·0	240	2·3	220	3·6	210	3·0	220	2·3	210	3·9	220	3·3	210	4·6	210	4·3	220	3·3	200	3·0	200	3·0
6	210	3·3	220	1·6	—	0·7	260	2·0	300	1·6	300	2·0	—	1·3	300	2·3	—	1·3	300	2·6	300	3·9	300	3·3
7	200	2·3	200	3·9	190	3·0	190	2·0	200	4·6	210	4·3	210	3·6	200	3·3	200	3·3	190	3·0	190	3·0	190	3·3
8	190	4·9	190	6·2	190	4·9	190	5·2	180	7·5	170	8·9	170	8·2	170	7·5	180	7·5	180	8·5	180	7·5	170	5·2
9	220	3·9	240	3·6	200	3·3	200	4·9	210	3·6	200	4·6	200	3·9	200	5·9	200	5·9	210	6·6	200	6·6	190	6·6
10	300	5·9	300	7·5	300	7·5	300	9·5	300	9·8	300	7·5	300	7·9	300	6·9	290	4·9	250	3·0	300	8·2	300	6·6
11	300	9·8	300	6·9	290	6·2	290	6·2	300	6·2	290	6·6	290	6·9	290	8·9	300	9·8	300	7·9	310	10·8	320	7·9
12	340	6·6	360	4·3	340	3·9	330	4·9	330	4·9	320	5·6	330	5·6	330	5·9	340	4·6	340	5·9	340	5·2	330	4·6
13	300	4·6	300	4·6	290	3·3	290	4·9	300	4·9	300	5·2	300	4·6	300	4·3	300	3·0	300	4·9	310	5·6	310	4·6
14	320	5·2	300	4·9	310	6·2	310	7·5	310	6·2	330	4·3	330	5·2	330	4·6	340	3·9	320	4·6	320	4·3	330	5·2
15	—	1·0	250	2·0	270	2·6	270	2·3	260	1·6	240	2·6	—	1·0	—	1·0	220	1·6	220	2·0	—	0·3	—	1·3
16	260	1·6	270	2·6	250	2·0	270	2·3	270	2·6	290	2·6	—	1·3	280	3·0	290	3·3	300	4·9	300	4·9	300	3·9
17	240	4·6	240	3·9	240	3·6	270	4·3	280	5·6	280	5·2	280	5·2	290	4·9	310	3·3	320	2·0	340	3·3	340	3·0
18	—	1·0	—	1·0	—	1·3	—	0·3	—	0·7	—	0·3	—	1·0	—	1·3	—	1·0	300	1·6	—	1·3	—	1·0
19	300	2·6	300	3·0	310	3·0	300	2·6	300	3·0	300	2·6	300	2·3	300	3·0	300	2·0	300	2·6	300	2·6	300	4·3
20	110	3·0	110	6·6	120	6·9	100	7·2	100	10·2	120	9·8	120	12·5	120	11·8	120	12·5	120	12·8	120	12·1	110	11·1
21	80	11·1	80	10·2	80	10·5	80	11·1	70	10·8	70	11·1	60	11·8	70	10·2	50	9·2	50	8·5	50	7·2	50	7·2
22	330	2·3	300	3·3	300	3·6	300	3·0	300	3·0	300	4·9	300	3·9	300	4·9	300	4·6	300	4·6	300	4·6	300	3·9
23	290	3·9	290	4·6	300	3·3	300	6·2	300	5·6	300	3·3	290	4·9	290	5·6	280	3·9	280	4·3	270	5·6	260	5·6
24	290	3·6	290	3·3	280	4·3	310	7·2	310	6·6	310	6·6	300	5·2	300	7·9	300	8·5	280	5·6	290	9·5	300	11·1
25	240	2·3	280	4·9	290	7·9	270	3·6	280	5·6	280	4·6	280	3·0	290	6·2	290	4·3	260	3·3	290	3·6	270	2·6
26	—	1·3	—	0·7	—	0·7	—	0·7	—	0·3	—	1·3	300	1·6	—	1·3	280	1·6	—	1·3	300	2·0	300	2·0
27	200	4·3	240	4·6	210	2·3	190	2·0	200	3·0	210	4·3	230	5·6	210	2·3	190	2·0	200	2·6	220	3·9	230	3·9
28	210	5·2	200	2·0	190	2·3	200	2·6	220	3·3	250	2·6	—	1·0	240	2·0	260	3·0	280	2·0	230	2·6	240	2·0
29	220	5·2	230	6·6	220	4·3	230	3·6	200	2·6	220	8·2	220	6·6	220	6·6	190	3·3	200	6·9	200	4·6	230	7·2
30	230	2·0	200	2·3	250	3·0	260	3·9	270	3·6	350	1·6	120	2·0	200	2·3	190	3·0	150	2·0	180	3·0	190	3·6
31	290	5·6	290	5·6	280	3·6	290	5·6	290	4·9	310	7·5	320	5·6	310	6·6	310	5·2	300	5·9	300	5·2	310	6·2
Mean ...	—	3·9	—	4·0	—	3·9	—	4·3	—	4·5	—	4·7	--	4·5	—	4·8	—	4·3	—	4·4	—	4·8	—	4·8
Annual Means	—	3·4	—	3·4	—	3·4	—	3·4	—	3·4	—	3·4	—	5·5	—	3·9	—	3·8	—	4·2	—	4·4	—	4·5

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L.+h_a (height of anemograph above ground) = 13 metres+23 metres.

November, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
160	4·9	150	5·2	150	5·2	150	6·6	150	6·6	150	6·9	160	6·9	150	6·6	150	7·2	150	7·2	150	7·5	150	7·5	4·0	1
170	4·6	180	4·3	180	4·3	170	4·9	170	3·3	170	3·9	180	4·6	190	4·6	200	3·0	200	2·6	210	2·0	220	1·6	5·7	2
—	0·0	—	1·0	—	1·0	—	1·0	—	1·0	310	2·3	310	2·3	310	2·6	300	4·3	300	4·3	300	5·9	300	5·2	1·9	3
260	2·6	270	2·0	280	2·0	—	1·0	—	1·0	—	0·7	—	1·3	300	2·0	290	1·6	280	1·6	280	2·0	290	2·3	2·5	4
330	3·3	330	2·3	320	2·3	320	2·3	300	1·6	300	1·6	300	1·6	310	3·0	300	3·3	310	3·3	310	3·3	310	2·6	2·5	5
320	2·0	310	2·0	310	1·6	—	1·3	—	1·0	—	1·3	—	1·0	300	1·6	300	2·3	300	1·6	—	1·0	—	1·0	2·2	6
50	9·5	60	8·9	60	9·8	50	9·8	50	9·8	40	7·5	40	8·2	40	8·5	20	5·9	40	10·2	60	11·1	60	10·8	**7·1**	7
320	4·6	320	5·2	320	5·6	330	2·6	330	3·6	310	4·3	300	2·3	310	2·0	—	1·3	320	3·9	300	4·3	300	4·6	5·0	8
300	5·6	300	6·2	300	5·9	310	2·6	280	1·6	290	3·6	310	4·3	300	3·9	280	2·6	300	4·9	290	3·3	300	3·9	4·1	9
310	5·6	320	4·9	330	3·3	300	3·3	300	2·6	300	3·0	300	4·3	300	3·0	310	3·9	290	1·6	300	3·9	290	3·9	4·4	10
270	1·6	260	2·0	280	1·6	—	1·3	230	1·6	260	2·0	—	1·0	—	1·3	—	1·0	—	1·0	—	1·0	—	1·0	2·6	11
210	2·3	210	3·9	220	4·3	200	3·0	210	3·3	210	2·0	200	1·6	190	3·6	230	2·3	—	1·3	—	1·0	200	2·6	2·2	12
210	3·3	210	2·3	210	3·6	220	1·6	230	1·6	220	2·0	220	1·6	230	3·3	230	2·3	—	1·3	—	1·0	—	1·3	2·8	13
—	1·3	—	1·0	—	1·3	—	1·0	230	1·6	230	2·3	230	3·3	230	2·6	220	3·0	230	3·9	230	3·6	210	3·6	2·1	14
200	2·6	200	2·3	210	3·3	210	2·6	210	3·3	230	2·3	210	2·0	210	2·0	210	3·6	220	2·0	210	3·6	200	3·3	2·8	15
290	2·3	300	2·3	300	2·3	280	1·6	300	2·3	300	2·3	—	1·3	290	2·0	290	2·0	280	1·6	280	2·0	280	2·0	2·0	16
—	0·7	170	1·6	—	1·0	240	1·6	—	1·3	250	1·6	250	2·0	—	1·3	240	2·0	230	2·0	240	1·6	230	2·3	2·0	17
220	3·3	200	3·0	200	3·0	210	3·9	210	2·6	220	2·3	210	2·0	220	2·6	240	1·6	220	1·6	230	2·6	230	1·6	2·2	18
290	3·0	300	2·0	290	2·3	290	2·3	—	1·0	260	1·6	280	1·6	—	1·3	—	1·3	280	1·6	270	2·3	—	1·0	1·9	19
250	3·3	250	3·3	250	3·0	250	2·3	280	2·6	280	2·6	280	3·0	—	0·7	—	1·3	240	3·0	250	2·3	250	1·6	2·1	20
—	1·0	260	2·0	270	1·6	260	1·6	240	1·6	—	1·0	230	2·3	240	2·3	—	1·0	—	1·3	240	3·0	250	2·0	**1·5**	21
300	4·6	310	5·2	320	4·9	320	4·9	330	3·9	320	3·6	320	3·0	320	3·3	310	2·3	290	2·3	310	3·0	300	3·0	3·1	22
300	4·9	310	5·9	310	4·6	320	3·3	310	2·6	300	3·3	310	2·6	320	3·9	320	3·9	320	3·3	310	3·3	300	3·3	3·5	23
250	2·0	250	1·6	260	2·3	260	3·6	270	3·0	280	3·3	270	3·3	280	3·0	280	4·9	310	9·2	340	8·2	330	8·9	3·9	24
350	6·2	350	5·6	330	5·9	340	5·2	330	5·6	320	4·9	320	4·3	320	5·2	320	3·0	310	4·3	310	3·6	300	3·6	6·4	25
260	2·3	250	3·3	240	3·0	220	2·0	260	3·6	270	3·3	280	3·0	270	4·6	290	5·6	310	7·5	320	7·9	310	4·9	3·9	26
330	7·9	330	8·5	340	7·5	340	7·5	340	6·9	330	5·6	320	6·6	320	7·5	320	7·5	330	4·9	330	5·6	330	6·6	6·5	27
330	7·5	320	8·9	330	6·6	330	9·8	330	7·5	330	8·9	340	7·5	350	5·6	330	5·6	320	4·3	330	5·9	330	4·9	7·0	28
210	3·9	200	2·6	210	3·3	210	2·3	240	1·6	—	0·7	—	0·7	—	0·7	—	1·3	300	1·6	—	1·3	310	4·3	2·8	29
70	8·5	80	7·2	70	9·2	70	8·5	70	6·9	80	7·5	70	6·9	30	5·6	360	3·6	350	3·3	360	3·3	340	2·3	6·9	30
—	3·8	—	**3·9**	—	3·9	—	3·5	—	3·2	—	3·3	—	3·2	—	3·3	—	**3·1**	—	3·4	—	3·7	—	3·6	3·6	—

December, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
310	5·2	310	6·2	320	4·6	330	3·0	310	3·9	310	5·6	310	5·2	310	4·6	310	5·6	300	5·2	310	5·6	310	5·6	4·4	1
310	5·9	310	6·6	310	7·5	310	6·6	320	5·2	330	4·6	340	4·3	320	3·6	330	3·0	320	3·6	310	3·0	300	3·9	5·0	2
310	3·0	310	2·0	300	2·0	290	2·3	300	2·0	290	1·6	300	2·3	290	2·0	—	1·3	290	1·6	—	1·3	—	1·0	2·8	3
220	3·0	210	2·3	230	2·6	220	2·6	220	3·0	240	2·0	220	3·0	220	2·6	220	2·3	230	4·6	220	4·6	—	1·3	2·2	4
200	3·6	190	4·6	200	5·2	200	5·9	210	5·2	200	3·6	210	4·3	210	3·6	220	4·3	220	3·3	200	2·0	—	1·0	3·5	5
—	0·7	290	1·6	290	2·3	—	1·0	—	1·0	—	1·0	—	0·7	220	2·6	210	3·9	210	2·3	210	3·3	190	1·6	2·0	6
200	3·3	200	3·6	190	3·0	180	3·3	190	3·9	180	4·9	170	4·9	170	5·9	170	5·6	180	5·6	180	5·9	190	4·6	3·9	7
180	4·9	180	6·9	190	6·9	230	5·6	220	3·9	220	4·6	220	5·2	220	4·6	220	5·2	200	4·9	210	4·6	210	5·2	6·0	8
190	6·9	190	7·5	200	5·9	190	4·6	220	2·0	280	4·9	300	8·9	300	9·8	300	8·9	300	8·2	290	4·9	290	5·6	5·7	9
310	9·5	310	8·2	300	8·2	300	8·2	310	9·2	300	7·2	300	8·2	300	8·5	290	8·9	310	8·5	310	10·8	300	8·9	7·8	10
320	7·2	310	6·2	330	4·9	320	4·6	310	5·2	320	4·9	320	4·9	310	4·3	310	5·2	310	6·6	310	6·6	320	5·6	6·7	11
330	4·9	330	4·9	320	4·3	310	3·6	320	4·3	300	4·6	310	4·6	310	4·3	310	5·2	300	4·3	310	5·2	300	5·6	4·9	12
310	4·3	330	3·3	320	3·9	320	3·3	310	4·3	300	4·6	310	3·3	310	3·9	310	5·2	310	4·6	320	5·2	330	6·2	4·4	13
320	4·3	310	4·6	320	4·9	320	4·3	320	5·2	330	5·9	310	4·3	320	3·9	310	2·3	290	3·6	300	3·9	300	3·3	4·7	14
—	1·3	—	0·7	—	1·3	300	1·6	—	1·0	—	1·0	—	1·3	250	1·6	270	2·3	290	2·6	270	2·3	270	2·0	1·6	15
300	6·6	280	3·3	290	3·6	290	1·6	280	3·0	280	3·0	250	3·0	250	2·3	270	2·3	250	3·0	230	3·3	240	3·9	3·0	16
350	2·6	350	2·0	10	1·6	10	2·0	340	2·0	320	1·6	330	2·3	320	1·6	—	1·3	320	1·6	—	1·3	—	1·3	3·0	17
—	1·3	310	1·6	—	1·3	—	1·3	—	1·3	310	2·0	300	2·3	300	2·3	300	2·0	300	2·3	310	2·6	290	2·3	**1·4**	18
310	4·6	310	3·6	310	3·6	310	3·6	310	3·6	300	3·3	300	3·9	290	3·0	280	2·6	—	1·3	290	1·6	320	3·0	3·0	19
100	11·8	100	12·5	90	11·8	90	12·1	90	11·8	90	11·1	80	12·5	80	11·8	80	12·1	80	11·8	80	11·1	80	11·1	**10·6**	20
30	5·9	10	4·9	10	5·6	20	4·3	360	3·6	350	2·6	350	3·6	340	3·6	10	2·3	310	3·3	310	3·3	300	2·6	7·0	21
300	3·3	300	4·9	300	4·9	310	4·3	310	5·6	310	4·9	300	5·2	300	4·3	300	5·6	310	5·2	310	4·3	310	5·2	4·3	22
270	4·3	250	5·2	260	7·2	270	6·2	280	4·6	260	4·9	240	3·0	260	2·3	260	3·0	250	3·0	270	2·3	270	1·6	4·4	23
300	12·1	300	12·1	300	10·5	310	11·1	300	9·8	290	9·8	290	7·5	290	6·9	290	7·5	280	5·9	280	5·6	290	4·9	7·6	24
270	3·3	280	3·0	260	3·0	270	2·0	270	2·3	270	2·0	—	1·0	—	0·3	—	1·0	—	1·3	—	0·7	—	0·7	3·1	25
300	1·6	—	1·3	290	1·6	—	0·7	200	2·0	200	2·0	190	2·0	200	3·3	200	3·3	200	2·0	—	1·0	90	3·0	1·6	26
210	3·6	220	3·9	210	3·9	210	2·6	200	3·0	210	3·3	180	3·0	200	3·0	200	3·3	200	2·6	200	3·6	190	3·0	3·3	27
250	3·0	—	1·3	—	1·3	220	3·0	220	1·6	240	2·3	—	1·3	—	1·3	200	3·0	190	2·6	180	3·9	210	3·3	2·4	28
220	9·8	230	9·8	230	7·9	240	6·2	230	7·5	240	7·9	230	7·9	260	5·6	200	3·0	220	5·2	200	3·0	210	4·3	6·0	29
180	2·3	180	3·3	180	3·3	190	3·0	180	1·6	190	3·3	230	2·3	200	3·0	200	3·3	190	2·3	220	2·0	230	3·0	2·7	30
310	6·2	310	5·6	320	4·3	310	3·9	300	3·3	290	2·6	310	3·3	300	4·3	300	3·6	300	4·3	300	2·3	290	2·3	4·7	31
—	**4·8**	—	4·8	—	4·6	—	4·1	—	4·1	—	4·1	—	4·2	—	4·0	—	4·1	—	4·1	—	3·9	—	**3·8**	4·3	—
—	4·5	—	**4·6**	—	4·5	—	4·2	—	3·9	—	3·8	—	3·5	—	3·4	—	3·4	—	3·3	—	3·3	—	**3·3**	3·8	

HIGHEST INSTANTANEOUS WIND SPEED RECORDED EACH DAY BY THE DINES TUBE ANEMOGRAPH.

97. Aberdeen: H*a* = 8 metres + 13 metres. **1925.**

Day.	Jan. Max. in a Gust.	Jan. Time of Gust.	Feb. Max. in a Gust.	Feb. Time of Gust.	Mar. Max. in a Gust.	Mar. Time of Gust.	April Max. in a Gust.	April Time of Gust.	May Max. in a Gust.	May Time of Gust.	June Max. in a Gust.	June Time of Gust.	July Max. in a Gust.	July Time of Gust.	Aug. Max. in a Gust.	Aug. Time of Gust.	Sept. Max. in a Gust.	Sept. Time of Gust.	Oct. Max. in a Gust.	Oct. Time of Gust.	Nov. Max. in a Gust.	Nov. Time of Gust.	Dec. Max. in a Gust.	Dec. Time of Gust.
	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.
1	21	23 55	19	14 10	17	20 10	17	23 55	9	8 45	14	13 25	8	17 35	11	16 45	17	12 15	7	5 5	17	23 40	12	14 25
2	23	1 40	16	13 50	14	4 15	16	3 5	9	12 20	11	8 20	7	10 55	14	15 10	15	8 50	5	12 20	17	0 30	15	14 30
3	14	19 25	17	16 25	9	1 55	11	1 40	10	13 5	13	13 20	7	4 50	7	11 35	19	11 5	13	9 45	8	22 45	7	1 5
4	11	13 15	19	21 35	14	16 15	19	16 5	12	5 45	10	17 5	7	10 0	5	10 35	**21**	17 30	9	16 15	9	0 40	8	22 25
5	14	23 30	21	4 40	19	10 45	17	0 25	13	9 40	11	12 50	7	13 35	9	21 10	18	10 0	11	5 50	7	23 0	15	15 25
6	16	3 5	12	20 0	17	0 25	13	13 45	13	10 15	9	6 10	6	11 55	11	11 55	17	16 20	10	18 25	8	4 5	11	20 40
7	10	11 5	21	22 45	20	11 30	7	0 5	7	14 50	7	14 50	13	10 30	14	12 30	13	2 30	11	11 30	18	21 45	14	21 50
8	15	15 30	21	1 50 17 35	19	8 30	7	18 40	11	5 45	5	0 15	11	7 25	10	15 10	10	16 35	9	11 35	19	0 10	19	9 45
9	24	2 10	19	12 5	21	12 30	8	13 10 15 0	10	0 5	9	18 25	9	12 35	15	16 30	12	15 10	8	0 50	11	14 5	17	19 55
10	15	14 5	**26**	15 10	11	2 15	7	12 10	7	23 55	9	11 40	**14**	9 0	13	10 55	13	15 50	9	13 40	11	8 20	16	22 55
11	10	18 50	12	2 15	10	19 15	8	12 40	15	11 10	6	11 50	11	12 15	9	15 55	12	15 10	13	17 50	7	6 50	17	0 50
12	10	19 0	17	15 30	11	3 15	10	15 25	14	11 5	8	14 20	8	8 20	16	7 55	9	2 35	10	13 0	10	14 40	15	10 35
13	22	22 25	16	13 30	10	15 30	16	17 30	11	18 5	15	17 40	7	13 10	8	17 25	13	12 20 16 25	18	16 10	9	5 50	12	23 50
14	22	6 20	14	23 55	8	7 5	14	23 40	9	11 50	14	0 30	11	16 30	11	13 40	8	17 5	18	7 0	6	24 0	13	18 5
15	11	3 35	19	3 35	7	16 5	**21**	12 50	13	14 50	10	13 15	9	4 20	10	18 20	14	15 55	13	13 50	11	20 40	6	0 0
16	14	2 15	14	16 10	11	16 40	17	10 55	9	8 15	17	15 5	9	14 35	9	7 45	17	2 15	9	5 5	8	0 10	9	13 5
17	12	15 30	15	3 25	9	15 20	15	11 55	9	14 55	15	21 45	12	12 5	11	10 0	6	3 5	14	15 15	5	3 10	13	5 15
18	17	10 40	13	15 0	5	23 10	15	15 0	8	5 35	19	14 40	11	13 15	6	10 15	9	15 15	13	5 30	8	11 50	7	22 55
19	12	21 35	13	14 15	12	11 40	12	0 55	7	14 20	12	6 25	7	16 50	8	14 45	16	19 55	16	23 55	8	3 25	7	14 55
20	11	1 25	11	22 5	14	10 5	13	13 25	5	9 10	16	9 10	7	15 15	9	13 20	18	8 50	**19**	4 35	6	22 45	**21**	7 55
21	13	23 30	15	10 55	16	13 25	15	19 5	9	15 5	**19**	16 25	7	13 15	*	*	13	14 15	11	23 25	5	23 10	19	5 15
22	14	0 30	16	0 35	12	12 25	18	16 25	7	7 10	16	11 5	5	19 25	11	22 30	9	15 35	11	13 30	11	14 5	*	*
23	10	17 15	22	6 0	13	15 10	17	9 5	9	21 45	15	23 45	10	16 50	10	0 0	14	13 10	13	7 10	12	14 15	13	14 40
24	7	24 0	21	14 35	20	13 30	13	16 45	14	23 40	15	9 45	9	0 20	10	9 10	13	2 30	9	13 50	21	22 20	19	15 20
25	11	22 45	20	2 25	**22**	11 45	15	13 25	14	12 30	16	9 20	13	14 0	9	9 40	8	2 5	9	22 50	**21**	1 45	14	2 55
26	14	16 35	17	3 25	9	2 30	15	9 30	10	16 35	16	13 50	5	16 15	13	12 35	9	23 45	18	15 15	13	22 20	7	17 15
27	13	8 35	15	18 15	13	19 20	10	20 10	15	11 15	13	10 1[illegible]	7	10 25	11	15 20	13	10 15	16	2 15	19	5 15	11	0 50
28	9	0 25	17	12 0	14	15 40	11	1 25	14	23 45	8	20 5	7	4 25	16	16 0	13	17 10	18	1 5	19	16 5	10	23 15
29	25	14 45	—	—	16	0 25	9	21 5	17	5 40	10	14 30	8	8 35	**18**	16 30	6	8 50	15	0 50	12	11 30	19	13 20
30	23	23 35	—	—	19	13 25	10	19 5	**19**	14 35	12	16 5	9	13 10	11	0 15	9	13 40	13	1 40	18	6 5	10	4 25
31	**30**	0 50	—	—	11	20 10	—	—	15	8 55	—	—	11	12 0	14	13 0	—	—	8	10 20	—	—	13	2 35

* Defective Record.

DISTRIBUTION OF WIND SPEED: EXTREME VELOCITIES AS RECORDED BY THE DINES TUBE ANEMOGRAPH.

98. Aberdeen: H*a* = 8 metres + 13 metres. **1925.**

Month.	DISTRIBUTION OF WIND SPEED. More than 17·1 m/s. Dates of Occurrence.	More than 17·1 m/s. Duration.	10·8 to 17·1 m/s. No. of Days.	10·8 to 17·1 m/s. Duration.	5·5 to 10·7 m/s. Duration.	1·6 to 5·4 m/s. Duration.	Less than 1·6 m/s. Duration.	No Record. Duration.	EXTREME VELOCITIES. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.	Highest Hourly Wind. Mid Time. day.	Highest Hourly Wind. Mid Time. hour.	Highest Gust. Speed.	Highest Gust. Date. day.	Highest Gust. Date. h.	Highest Gust. Date. m.
		hr.		hr.	hr.	hr.	hr.	hr.	°	m/s.	day.	hour.	m/s.	day.	h.	m.
Jan.	—	—	7	23	266	445	10	—	260	14	31	1	30	31	0	50
Feb.	—	—	12	52	348	252	20	—	130	15	24	15	26	10	15	10
Mar.	—	—	3	9	279	398	58	—	30	13	25	13	22	25	11	45
April	—	—	2	3	297	355	65	—	170	11	4	15	21	15	12	50
May	—	—	—	—	239	444	61	—	220	10	30	10	19	30	14	35
June	—	—	—	—	272	379	69	—	330	11	18	13	19	21	16	25
July	—	—	—	—	59	503	182	—	300	8	10	8	14	10	9	0
Aug.	—	—	—	—	104	498	142	—	300	9	29	17	18	29	16	30
Sept.	—	—	—	—	229	427	64	—	310	11	3	9	21	4	17	30
Oct.	—	—	—	—	131	495	118	—	160 150	10	20	5 11	19	20	4	35
Nov.	—	—	4	11	149	499	61	—	60	12	7	24	21	25	1	45
Dec.	—	—	3	31	223	434	56	—	120	15	20	10	21	20	7	55
Year ...	—	—	31	129	2,596	5,129	906	—	130	15	Feb. 24	15	30	Jan. 31	0	50

99. Aberdeen. *Readings, in degrees absolute, at 9h, Greenwich Mean Time.* **1925.**

Day.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	79·6	78·3	77·7	78·2	80·0	82·8	84·4	86·7	86·0	83·8	82·3	78·7
2	79·4	78·3	77·8	78·3	80·1	82·9	84·6	86·7	85·9	83·9	82·3	78·6
3	79·3	78·3	77·8	78·3	80·1	82·9	84·7	86·7	85·9	83·9	82·4	78·5
4	79·2	78·2	77·8	78·3	80·2	83·1	84·8	86·6	85·8	83·9	82·4	78·4
5	79·1	78·2	77·9	78·3	80·2	83·1	84·9	86·4	85·7	83·9	82·4	78·3
6	78·9	78·1	77·9	78·3	80·3	83·2	85·0	86·4	85·6	83·9	82·4	78·3
7	78·9	78·1	78·0	78·3	80·3	83·3	85·2	86·4	85·4	83·9	82·3	78·3
8	78·8	78·1	78·1	78·3	80·4	83·5	85·4	86·4	85·3	83·9	82·2	78·2
9	78·7	78·0	78·1	78·3	80·5	83·6	85·6	86·4	85·2	83·9	82·1	78·1
10	78·5	77·9	78·2	78·4	80·6	83·7	85·6	86·4	85·1	83·9	81·9	78·0
11	78·4	77·8	78·1	78·6	80·7	83·9	85·6	86·4	85·0	83·9	81·7	78·0
12	78·4	77·8	77·9	78·7	80·8	84·1	85·6	86·4	84·9	83·8	81·6	78·1
13	78·3	77·8	77·8	78·8	80·9	84·3	85·7	86·4	84·9	83·7	81·3	78·1
14	78·3	77·8	77·8	78·9	81·0	84·4	85·8	86·4	84·8	83·6	81·1	87·0
15	78·3	77·8	77·7	79·1	81·1	84·5	85·9	86·3	84·7	83·5	80·8	78·0
16	78·3	77·7	77·7	79·2	81·2	84·6	85·9	86·3	84·7	83·3	80·6	77·9
17	78·3	77·7	77·7	79·3	81·3	84·7	85·9	86·3	84·7	83·3	80·4	77·8
18	78·4	77·6	77·8	79·3	81·4	84·8	86·0	86·3	84·7	83·2	80·2	77·8
19	78·3	77·6	77·8	79·5	81·6	84·8	86·1	86·3	84·6	82·8	80·1	77·8
20	78·3	77·7	77·9	79·5	81·7	84·9	86·1	86·3	84·6	82·4	79·9	77·8
21	78·3	77·7	78·1	79·5	81·9	84·7	86·1	86·3	84·6	82·3	79·7	77·8
22	78·3	77·7	78·1	79·5	82·1	84·8	86·1	86·3	84·6	82·2	79·6	77·7
23	78·4	77·7	78·2	79·6	82·3	84·7	86·2	86·3	84·5	82·2	79·5	77·6
24	78·4	77·7	78·1	79·6	82·5	84·6	86·3	86·3	84·4	82·2	79·4	77·6
25	78·4	77·6	78·1	79·7	82·7	84·6	86·3	86·3	84·4	82·2	79·3	77·5
26	78·4	77·6	78·1	79·7	82·8	84·6	86·4	86·3	84·3	82·3	79·2	77·4
27	78·4	77·6	78·1	79·8	82·8	84·4	86·4	86·3	84·2	82·3	79·1	77·4
28	78·4	77·6	78·1	79·8	82·8	84·4	86·5	86·2	84·1	82·3	79·0	77·3
29	78·4	—	78·1	79·8	82·8	84·5	86·6	86·2	84·0	82·3	78·9	77·2
30	78·4	—	78·1	79·9	82·8	84·4	86·6	86·1	83·9	82·3	78·9	77·2
31	78·4	—	78·2	—	82·8	—	86·7	86·1	—	82·3	—	77·2
Mean	78·6	77·9	78·0	79·0	81·4	84·1	85·8	86·4	84·9	83·1	80·8	77·9

Annual Mean at 124 cm. 281·5.

MINIMUM TEMPERATURE "ON THE GRASS" DURING THE INTERVAL 18h TO 7h. G. M. T.

100. Aberdeen. *Readings, in degrees absolute.* **1925.**

Day.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	70·9	71·3	76·7	69·3	73·3	78·2	84·9	81·7	73·9	74·3	75·8	72·8
2	73·6	73·9	73·3	76·6	**68·2**	76·3	83·6	75·9	77·4	76·5	**81·9**	69·7
3	71·6	72·1	75·6	66·7	72·4	**74·2**	77·6	75·9	77·4	77·6	71·4	72·1
4	69·7	71·9	71·6	73·1	77·1	82·3	80·2	82·4	75·2	71·6	73·4	73·3
5	**66·5**	**77·3**	75·6	75·7	79·3	**82·4**	79·2	84·2	77·2	77·7	72·7	68·2
6	71·3	68·3	**77·7**	**78·6**	76·1	**82·4**	82·7	85·3	80·1	**83·1**	74·4	70·6
7	74·1	**65·8**	74·2	77·4	77·2	77·4	85·1	76·7	77·4	77·3	73·1	66·0
8	73·1	71·9	70·6	76·4	75·8	79·3	**75·4**	80·9	76·6	73·1	72·1	**77·8**
9	74·9	72·9	68·6	77·4	80·4	82·2	76·7	80·2	78·6	**69·0**	70·1	72·6
10	70·4	70·2	70·2	73·2	80·4	80·2	84·3	76·7	76·4	71·1	68·4	74·8
11	72·1	73·9	70·9	74·4	78·4	81·8	84·4	75·2	78·7	76·9	68·3	72·6
12	73·4	71·9	**68·0**	76·0	76·3	81·6	80·7	83·0	76·3	71·9	**65·2**	71·2
13	75·7	66·8	70·4	76·3	74·1	80·2	85·4	84·5	71·8	71·3	66·6	69·7
14	**79·2**	70·6	74·4	72·4	79·6	79·7	82·7	81·2	78·3	72·4	65·8	66·6
15	72·7	74·4	76·8	76·0	76·3	79·7	85·8	78·2	81·0	70·8	70·5	66·5
16	73·8	74·1	74·2	71·8	79·1	81·8	84·3	77·7	81·9	69·9	71·4	70·3
17	70·3	76·2	72·6	75·3	79·3	79·1	81·3	76·9	75·0	70·4	68·9	74·5
18	76·2	75·2	71·4	76·9	79·5	79·3	84·9	84·3	79·1	72·4	67·0	73·0
19	69·0	72·7	77·2	73·0	79·2	77·4	83·9	83·1	77·3	71·0	66·9	65·6
20	77·6	69·5	73·9	69·3	**82·9**	**82·4**	79·7	83·6	79·3	76·6	68·6	65·2
21	76·3	74·4	69·7	67·4	76·9	77·2	82·6	84·2	**70·7**	75·3	68·3	66·9
22	75·5	68·0	68·9	76·3	81·2	80·4	83·8	80·3	70·9	77·9	74·8	66·9
23	75·4	74·0	71·4	72·4	80·2	81·1	**87·0**	**85·7**	79·4	82·3	72·4	65·8
24	74·5	74·4	72·8	70·0	79·9	79·3	85·1	85·4	76·7	77·5	69·8	63·8
25	70·2	75·4	73·5	(73·0)	81·6	80·1	85·3	79·8	*	74·3	70·6	67·1
26	74·3	74·1	72·3	74·9	79·2	82·0	85·8	74·1	79·1	74·0	69·1	**62·9**
27	76·2	76·3	**68·0**	71·2	81·4	79·7	78·6	80·2	74·6	78·5	71·7	70·9
28	75·8	76·1	71·4	72·9	76·3	75·2	81·2	**73·3**	75·9	73·6	70·3	71·9
29	72·1	—	75·5	**65·2**	79·5	79·2	81·5	78·4	**84·9**	76·7	71·2	70·7
30	72·2	—	72·1	70·6	78·4	81·2	80·8	79·7	74·8	82·1	70·3	70·0
31	74·8	—	75·1	—	79·1	—	83·6	84·3	—	79·1	—	73·9
Mean	73·3	72·6	72·7	73·3	78·0	79·8	82·5	80·4	†77·1	75·0	70·7	69·8

Annual Mean 275·5.

* Reading not available. † Mean for 29 days only.

NOTES :—(1) The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.
(2) The minimum "on the grass" refers to the interval from 18h on the previous day to 7h on the day to which it is entered.

101. Aberdeen. **January, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	False Ci : Cu-Nb.	Nb.	Nb.	1	7	10	10	10	1	⊔	...	●	...	●^{0}	...	b⊔ to o ✻^{0} *a* : o ● q *p* : o q to b q *n* :
2	St-Cu.	Nb.	A-St.	2	10	10	10	10	8	...	...	✻	✻	...	...	● & ●^{2}early, b to o✻ : *a*:o, ✻^{2}*p* : c *n* :
3	St-Cu.	A-Cu : Cu.	St-Cu.	1	1	5	4	1	1	...	...	...	...	...	...	b & b c throughout. ⊠ 2·5 cm.
4	St-Cu.	A-St.	Ci-St.	9	8	2	1	1	1	...	...	...	...	...	...	c & o *a* : b *p* & *n* : ⊠ 2·0 cm.
5	St-Cu.	A-Cu.	—	1	—	1	1	—	1	⊔	...	...	...	...	...	b ⊔ ≡^{0} to b *a* : b, p ✻^{0} late *p* & *n* : [⊠ 1·5 c.m.
6	Cu-Nb.	Ci-St : Cu-Nb.	A-St.	3	1	2	8	10	10	...	...	...	...	...	...	p✻^{0} early, b *a* : c *p* : o *n* :
7	St-Cu.	Ci : Ci-St : St-Cu.	Ci-Cu : St-Cu.	9	7	3	4	2	8	...	...	...	...	...	...	c & o *a* : b & bc to c *p* & *n* :
8	St.	Nb.	A-St : Fr-St.	10	8	10	10	9	8	...	...	...	...	...	...	c to op ●^{0}≡^{0} *a* & *p* : c *n* :
9	St-Cu.	St-Cu : Cu-Nb.	St-Cu.	1	1	1	1	6	1	...	...	...	...	...	...	b *a* & *p* : bc & b *n* :
10	St-Cu.	A-Cu : St-Cuf.	A-Cu : St-Cu.	9	7	4	8	3	—	...	...	...	...	...	...	Mainly bc & c : b *n* :
11	A-Cu : A-St : St-Cu.	A-Cu : St-Cu.	A-Cu.	3	8	7	8	2	3	...	...	...	...	...	Ш	b to c *a* : c to b *p* : bc Ш *n*:
12	St-Cu.	St-Cu : Fr-St.	St-Cu : St.	8	8	4	8	9	10	...	...	...	...	...	...	c *a* & *p* : o *n* :
13	St.	A-St : Fr-St.	St.	9	4	9	9	10	10	...	●^{0}	...	...	...	...	o to bc ●^{0}, o *a* : op ●^{0} q *p* : oq, ●^{0}
14	Nb.	—	—	10	1	—	1	—	—	...	...	...	...	...	...	● q early, bq *a* & *p* : b *n* : [*n* :
15	St-Cu.	A-Cu : Fr-Cu.	St-Cu.	1	—	1	—	1	—	...	...	...	...	...	...	Fine throughout.
16	A-St : St-Cu-lent.	St-Cu.	St-Cu.	10	10	7	2	1	7	...	...	...	...	...	...	o to c ≡^{0} *a* : bc to b *p* : c *n* :
17	—	St.	A-St : St.	—	1	9	9	10	10	⊔	⊔	...	...	...	...	b ⊔ to o *a* : o *p* : bc *n* :
18	A-St : St.	A-St : St-Cu : Fr-St.	St-Cu.	9	5	6	4	1	2	...	...	...	...	...	...	o to bc & b *a*, *p* & *n* :
19	A-St.	St-Cu : Fr-St.	Ci-St : St-Cu.	1	2	8	3	4	3	⊔	...	≡	...	...	...	b ⊔ to c ≡ *a* : bc *p* : b *n* :
20	St.	St-Cu : St.	St-Cu.	10	10	9	9	2	5	...	...	...	...	...	...	o≡^{0} *a* : o to b *p* : bc *n* :
21	St.	St.	St.	10	10	10	10	10	10	...	...	...	...	...	...	Dull throughout.
22	St.	St.	St.	10	10	10	10	9	10	...	...	...	...	...	...	Dull throughout.
23	St.	Nb.	Nb.	10	10	10	10	10	10	...	...	●^{0}	●^{0}	●	●^{0}	o, o ●^{0} ≡^{2};*a* : ● & ●^{0} *p* & *n* :
24	St-Cu.	St.	St.	2	1	1	2	1	—	≡	≡⁝	≡	≡	≡⁝⊔	⊔	b≡^{2} & ≡⁝^{2} ⊔ *a* & *p* : b ⊔ ≡^{2} *n* :
25	St-Cu.	St-Cu : St-Cuf.	St-Cu.	10	2	8	3	9	4	...	...	...	...	...	...	b & o ≡ ⁝ : b & o *p* : bc *n* :
26	St.	St-Cu : Cu.	St-Cu : St-Cuf.	10	9	6	7	10	10	...	...	...	...	...	...	p ●^{0} early, c & o ●^{0} *a*, *p* & *n* :
27	St-Cu : Nb-Cuf.	St-Cu : Nb-Cuf.	St-Cu : Nb-Cuf.	8	9	9	10	10	10	...	...	...	p●	●^{0}▲^{0}	...	c & o p ●, ●^{0} ▲^{0} *a*, *p* & *n* :
28	St-Cu.	St-Cu : St-Cuf.	St.	10	10	10	10	10	10	...	...	...	...	...	●^{0}	o & o ●^{0} *a* & *p* : o ●^{0} ▲^{0} *n* :
29	Nb.	St-Cu : Cu.	Cu-Nb.	10	10	1	4	1	—	●^{0}	●^{0}	...	...	...	...	o ●^{0} q to bq *a* : bcq *p* : b *n* :
30	A-St.	St-Cu.	A-St : St-Cu.	1	2	7	8	3	6	...	...	...	...	⌓	...	b to c *a* : c to b ⌓ *p* : bc *n* :
31	St-Cu.	Ci-St to A-St.	A-St : St-Cu.	1	2	1	1	7	2	...	...	...	...	...	...	b *a* & *p* : c to b *n* :
Mean Cloud Am'nt				6·1	5·6	5·8	6·0	5·5	5·2							

102. Aberdeen. **February, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Cu-Nb.	Cu-Nb : Fr-Cu.	Cu.	1	1	1	3	9	9	...	...	...	...	...	...	bp ✻^{0} *a* : bq to o *p* : c & o *n* :
2	St-Cu.	Nb-Cuf.	St-Cu.	4	3	9	4	6	2	...	...	●^{0}	...	...	...	b & bc to o p ●^{0} *a* : ● to bc *p* : b *n* :
3	St-Cu.	A-Cu : Fr-St.	St-Cu : St-Cuf.	1	7	3	3	1	1	...	...	...	...	...	...	⊔ early, bc & c *a* : cp ●^{0} *p* : b *n* :
4	—	Ci-Cu : St-Cu.	A-St : Fr-St.	—	—	2	10	8	10	...	...	...	⊕	...	Ш	b *a* : b to o *p* : oq *n* : ⊕ 15 h.
5	A-St : St-Cu.	Ci-St : Cu.	Ci-St : St-Cu.	8	2	2	4	1	—	...	⊕	...	...	...	...	c to b *a* : bc *p* : b *n* : ⊕ 8h to 10 h.
6	A-Cu : St-Cu.	A-St : Cu.	A-St : St-Cu.	1	4	2	9	7	10	⊔	⊔	...	...	...	...	b ⊔ & bc *a* : op ●^{0} *p* : c & o ✻, b late
7	St-Cu : Cu-Nb.	A-Cu : Cu-Nb.	Ci-St.	2	1	1	1	5	3	...	...	...	...	Ш	...	Fine all day, ● after 21*h* [*n* :
8	A-St : Fr-St-Cuf.	St-Cu : Fr-Cu.	Nb.	5	4	2	10	9	1	...	...	...	...	●^{2}	...	● early, bc to b *a* : b to o ●^{2} q *p* : ●^{2}
9	A-St.	Ci : Cu.	A-St : A-Cu.	1	1	1	1	1	1	...	...	...	...	...	...	Fine throughout. [to b *n* :
10	Ci-St : A-St : St-Cu.	Ci-St : A-St : Fr-Nb.	Ci-Cu : A-St : Fr-Cu.	5	6	9	4	3	3	Ш	●^{0}	●^{0}	...	...	...	bc to c & o ●^{0} q *a* : bcq *p* : b n : Ш 22h
11	Ci : A-St : A-Cu.	Ci-St : A-St : Cu.	A-St.	8	7	10	9	10	10	Ш	...	⊕	...	...	...	c to o *a* : o *p* & *n* : ⊕ 13h
12	A-Cu : St-Cu.	A-St : St-Cuf.	A-St : Cu-Nb.	7	7	9	9	4	—	...	...	...	...	...	⊔	c & o *a* : c' ●^{0} *p* : b ⊔ ≡^{0} *n* :
13	A-St : St-Cu.	Nb-Cuf.	A-St : St-Cu : Cu.	10	7	10	10	3	10	≡⊔	...	●	●^{0}	...	...	o ≡ ⊔, c, o ● *a* : ● *p* : b to o ≡^{0} *n* :
14	St-Cu : Nb.	Nb.	Nb.	10	10	10	10	10	10	●^{0}	...	●	●	●	...	o ● & ●^{0} *a* : ● *p* : o *n* :
15	Nb.	Nb.	A-St : Cu & Cu-Nb.	10	10	10	9	5	—	●	●	●^{0}	...	...	...	● & ●^{0} *a* : op ●^{0} to bc *p* : b *n* :
16	St-Cu : St-Cuf.	A-St : Nb-Cuf.	A-St : Nb-Cuf.	10	10	10	10	10	10	...	...	...	...	p●^{0}	●^{0}	o *a* : op ● ▲ *p* : ● & ●^{0} *n* : [later *n* :
17	Nb-Cuf.	Nb : Nb-Cuf.	A-St : Nb.	10	9	10	8	9	3	●	...	●^{0}	p●^{0}	...	...	o ● & ●^{0} *a* : cp ●^{0} *p* : ●^{0} to b, ●^{0}
18	St-Cu : Cu-Nb.	Nb.	A-St : St-Cu.	2	8	10	8	8	—	...	...	...	⊕	...	...	p ● early, c & o ● *a* & *p* : b *n* : ⊕ 15h
19	St-Cu.	Cu-Nb : Fr-St.	Cu-Nb.	10	6	3	7	8	—	...	...	...	p●	p●▲	...	bc & op ● *a* : cp ●, p●▲, b late *p* & *n* :
20	St-Cu.	Cu.	Ci-St : St-Cu : Cu.	1	—	3	2	6	2	⊔	⊔	...	...	...	...	b ⊔ ≡^{0}, ≡ *a* : b *p* : bc & b *n* :
21	A-St : St-Cuf.	A-St : Nb-Cuf.	Nb.	10	10	10	10	10	10	...	...	...	...	●^{0}	●^{0}	o *a* & *p* : o●^{0} *n* :
22	A-St to A-Cu.	Ci : Cu.	Cu.	1	—	1	2	3	—	...	...	...	...	...	...	Fine throughout.
23	A-St : Cu : St-Cuf.	A-St : Cu.	Nb-Cuf.	10	10	9	10	10	10	...	...	...	●^{0}	●^{0}	●	c & oq *a* : o ●^{0} q *p* : ●▲, ● *n* ;
24	A-St : Fr- St.	Nb.	A-St : St-Cu : Nb-Cuf.	9	10	10	10	7	10	...	●^{0}	●	...	...	...	o to ● & ●^{2}▲^{2} *a* & *p* : c & o ●^{0} *n* :
25	Nb.	A-St : St-Cuf.	A-St : St-Cuf.	10	10	9	6	1	2	●	●	...	...	...	...	o ●, *p* ●▲ *a* : bc *p* : b *n* :
26	Ci : Cu : Fr-St.	St-Cu : Nb-Cuf.	St-Cu : Cu-Nb.	9	10	10	7	9	10	...	...	●^{0}	...	...	●^{0}	o p ● *a* : c & o ●^{0} *p* : o ●^{0} *n* :
27	St-Cu.	St-Cu : Cu-Nb.	Nb.	8	7	9	9	10	10	...	...	●	●	●	●^{0}	c & op ●▲ *a* : ● & ●^{2} q *p* : o ●^{0} *n* :
28	St-Cu : Nb.	Nb.	Nb.	10	10	10	10	10	10	●	●	●^{0}	●^{0}	●^{0}	●	● & ●^{0} throughout.
Mean Cloud Am'nt				6·2	6·1	6·6	7·0	6·5	5·2							

Day.	7h	13h	18h	7h	9h	13h	15h	18h	21h	7h	9h	13h	15h	18h	21h	Remarks.
	Cloud Forms.			Cloud Amount (All Forms).						Weather.						

103. Aberdeen. **March, 1925.**

Day.	Cloud Forms. 7^h	13^h	18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	St-Cu : St-Cuf.	St-Cu : Cu-Nb.	St-Cu : Nb-Cuf.	10	10	8	8	10	10	...	...	...	...	...	...	p ● & p ●▲ *a* : c & op ●^{0} *p* : ● q,
2	St-Cu : Cu-Nb.	St-Cu : Cu : Cu-Nb.	St-Cu : Cu.	3	9	9	9	8	10	...	...	p ●^{0}	...	...	p✸^{0}	b to op ● *a* : c & o *p* : op ✸^{0} *n* : [o *n*
3	St-Cu.	St-Cu : Cu.	St-Cu : Nb-Cuf.	10	8	9	9	7	8	...	...	...	...	p ●^{0}	...	c & o *a* : cp ●^{0} *p* : c *n* :
4	Ci-St : St-Cu.	Ci-St : Cu.	A-Cu : St-Cu.	8	7	8	9	7	3	...	...	⊕	...	...	...	c *a* : c & o *p* : b *n* : ⊕ 13^h
5	A-St. : A-Cu.	A-Cu-lent : Cu.	A-Cu-lent : St-Cuf.	8	8	8	4	9	10	...	...	...	...	...	...	c *a* : bcq *p* : o, ●^{0} late *n* :
6	St-Cu.	St-Cu : Cu : Cu-Nb.	Ci : St-Cu : Cu.	8	9	8	9	7	3	...	●^{0}	...	...	...	...	c & o ●^{0} *a* & *p* : b *n* :
7	St-Cu : Cu-Nb.	Cu.	False Ci : St-Cu : Cu.	1	1	3	2	1	4	...	...	...	...	...	...	b & bcq p ●^{0} *a* : bq *p* : bc, p ●^{0} *n* :
8	Cu-Nb.	Cu-Nb.	Cu-Nb.	9	6	6	3	8	6	✱	...	p✱^{0}	...	p✱^{0}	...	bc & cp✱, ✱^{0}△^{0} *a* & *p* : bc & cp✱ *n* : [⊠ 0·2 cm.
9	Cu-Nb.	Cu-Nb.	Cu-Nb.	2	2	2	8	2	8	...	...	...	p✱^{0}	...	...	bq p ✱ *a* : cp ✱^{0} *p* : b & cp ✱△*n* : [⊠ 10·0 cm.
10	A-Cu : Cu-Nb.	Ci-St : Cu-Nb.	A-St : Fr-Nb.	3	6	9	10	10	9	...	...	⊕	...	...	...	b to o *a* : op ✱^{0} *p* : ●^{0}, o, ✸^{0} *n* : [⊠ 5·0 cm.
11	St-Cu : Cu-Nb.	St-Cu : Cu.	Ci : Cu-Nb.	2	1	7	2	2	2	...	...	...	...	...	Ш	cp ✱ early, b *a* : b & op ●▲ *p* bШ*n* :
12	—	Ci-St to A-St.	Ci-St : A-St : St-Cu.	—	—	1	1	5	10	...	...	...	...	...	...	b *a* & *p* : c, o *n* : [⊠ 1·0 cm
13	Nb.	Nb.	A-Cu-lent : Cu-Nb.	10	10	10	6	2	5	●	...	●^{0}	⊕	p ●^{0}	...	● & ●^{0} *a* : bc p ●^{0} *p* & *n* : ⊕ *a*
14	A-St : Fr-Nb.	A-St : Nb.	A-St : Nb-Cuf.	10	10	10	8	10	10	●^{0}	●^{0}	●^{0}	...	●^{0}	...	c & o p ●^{0} *a*, *p* & *n* :
15	Nb.	St-Cu : Fr-Nb.	Cu to St-Cu.	10	9	10	8	9	7	●	...	●^{0}	...	...	...	o ● ≡^{0} *a* : c & o *p* : c *n* :
16	St-Cu.	A-St : A-Cu: St-Cu.	Ci : A-Cu to St-Cu.	9	9	7	9	8	10	...	...	...	...	...	●^{0}	c & o ●^{0} *a*, *p* & *n* :
17	Ci-St : St-Cu.	St.	Ci-St : St-Cu : Fr-St	7	9	10	4	6	10	⌓ ⊕	...	...	...	...	...	c & o *a* : ●^{0}, bc *p* : o *n* : ⊕ 7^h
18	St-Cu.	St-Cu : Fr-St.	St-Cu.	2	4	8	10	9	9	⊔	...	...	...	...	...	b ⊔, ≡^{0} to c *a* : o *p* & *n* :
19	St-Cu.	St-Cu : St-Cuf.	St-Cu : Fr-Cu.	8	10	10	9	9	10	...	...	...	...	...	...	c & o *a* : o, ●^{0} *p* : c & o *n* :
20	A-St: St-Cu: Cu-Nb.	Cu : Cu-Nb.	False Ci : Cu-Nb.	7	3	5	7	2	2	...	...	...	...	...	p✱^{0}	c, bc p✱^{0} △^{0}, ✱^{0} *a*, *p* & *n* :
21	A-Cu : Cu-Nb.	False Ci : Cu-Nb.	Cu-Nb.	3	2	5	5	3	4	...	...	p✱	...	...	...	bc p ✱ *a*, *p* & *n* : ⊠ 1·0 cm.
22	St-Cu.	Ci : St-Cu : Cu.	Ci to Ci-St : St-Cu.	1	6	5	6	6	10	...	...	...	...	...	...	b & bc *a* & *p* : o *n* : ⊕ 17^h
23	St-Cu.	St-Cu : Cu : Cu-Nb.	St-Cu : Cu.	7	10	7	8	3	3	...	●^{0}	...	...	...	...	c to o ● *a* : c *p* : b *n* : [△^{0} *n* :
24	St-Cu.	A-Cu : Cu.	Cu-Nb.	1	2	7	2	2	1	...	...	...	...	...	...	b & bc *a* : c p ●^{0}, ✱, △^{0} *p* : b & bc p
25	Cu-Nb : Fr-St.	A-Cu : Cu-Nb.	St-Cu : Cu-Nb.	3	8	6	3	6	7	...	●	...	...	...	...	c p ● q *a* : b c & cp ●△ *p* : cp ●^{0} *n* :
26	St-Cu : St-Cuf.	St-Cu : Cu.	St-Cu.	4	8	10	9	8	10	...	...	...	...	...	...	bc & c p ●^{0}, ●^{0} ▲^{0} *a* : o *p* : b & o *n*:
27	Ci.	St-Cu.	St-Cu : Cu.	1	1	9	5	9	10	⊔	...	...	...	...	...	b ⊔, p ●^{0}, o *a* : c p ●^{0} *p* : o *n* :
28	St-Cu.	St-Cu.	Ci-Cu : St-Cu : Cu.	7	1	9	9	5	10	...	...	...	...	...	●^{0}	c, b, o *a* : c & o p ●^{0} *p* : o ●^{0} *n* :
29	St-Cu : Fr-Nb.	Ci-St: A-Cu: Cu-Nb.	Ci : A-Cu : Cu.	9	6	7	8	6	—	...	...	...	...	...	⌓	●^{0}, c p ●^{0} *a* : c & o *p* : b ⌓ *n* :
30	St-Cu.	Ci-Cu to A-Cu : Cu.	A-St : Fr-Cu.	1	1	7	8	7	10	⌓	...	...	...	...	...	b ⌓, c *a* : cq *p* : o, ● *n* :
31	A-St.	A-St : Nb.	Nb.	10	10	10	10	10	10	...	...	●^{0}	●	✸	✸	o, o ●^{0} *a* : ●, ✸ *p* & *n* :
Mean Cloud Am'nt.				5·6	6·0	7·4	6·7	6·3	7·1							

104. Aberdeen. **April, 1925.**

Day.	Cloud Forms. 7^h	13^h	18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	Ci : Cu-Nb.	Ci-St:A-Cu-lent.	A-St.	1	1	2	7	10	10	...	...	...	...	...	...	p ✱^{0}△^{0} early, b *a* : c *p* : o q *n* :
2	A-St : St-Cu.	A-St : A-Cu : Cu.	St-Cu : Cu.	10	10	9	8	2	1	...	●^{0}	...	...	...	...	op ●^{0} *a* : c & bc *p* : b, p ✱△ later *n* :
3	Cu-Nb.	Cu.	Ci-St : St-Cu.	1	1	6	6	6	7	...	...	...	...	⊕	...	b *a* : bc *p* : c *n* : ⊕ 18^h
4	Ci-St to A-St.	A-St : A-Cu.	A-St : St-Cu.	8	10	7	8	8	5	...	...	...	...	...	...	cq *a* & *p* : bc *n* :
5	St.	Nb.	Nb.	10	10	10	10	10	10	...	...	●^{0}	●^{0}	●^{0}	●	c & o, ● *a* : o ● *p* & *n* :
6	Nb.	Nb.	A-St : Nb.	10	10	10	10	10	10	●	●^{0}	●	●^{0}	●	...	o ● throughout.
7	St : Fog.	Nb : Fog.	Nb.	10	10	10	10	10	10	≡⁝^{2}	≡⁝	●≡	●	●	...	o ≡⁝^{2}, ● *a* : o ● *p* : ●, o ≡^{0} *n* :
8	St : Fog.	St : Fog.	St.	10	8	10	10	10	10	≡⁝^{2}	≡	≡	...	≡^{2}	≡⁝^{2}	≡⁝^{2}, c & o ≡ *a* & *p* : o ≡⁝^{2} *n* :
9	St : Fog.	St : Fog.	St : Fog.	10	10	10	10	10	8	≡⁝^{2}	≡⁝	≡	...	≡	...	o ≡⁝^{2} *a* : o to ≡ *p* : c *n* :
10	A-Cu : St-Cu.	Ci.	Ci-Cu : St-Cu.	7	7	2	2	3	7	...	...	...	...	...	...	c & o *a* : b *p* : c ≡^{0} *n* :
11	St : Fog.	Fr-St.	St : Fog.	8	—	3	10	10	10	≡⁝^{2}	...	...	...	≡⁝	...	≡⁝^{2} to b *a* : o, o ≡⁝ *p* : o ≡^{0} *n* :
12	Fr-St.	Fr-St.	St-Cu.	1	—	1	1	1	—	...	...	...	...	...	...	b to b ⌓ *a*, *p* & *n* :
13	A-Cu-lent : St-Cu.	A-St:St-Cu:Cu-Nb.	Ci : St-Cu.	9	8	9	5	1	—	...	●^{0}	p ●^{0}	...	...	...	c & o p ●^{0} *a* : bcp ●^{0} *p* : b *n* :
14	Ci.	Cu.	Ci : Cu.	1	2	5	7	3	10	...	...	...	...	...	...	b, bc *a* : c to b *p* : o, ● late *n* :
15	A-St : St-Cu.	A-St : Cu.	A-St : St-Cu.	6	7	9	8	2	—	...	...	...	...	...	...	●^{2} early, bc to o *a* : cq *p* : b *n* :
16	St-Cu.	Cu : Cu-Nb.	St-Cu : Fr-Cu.	3	4	8	4	9	10	...	...	...	...	...	●^{0}	b, cp ●^{0} *a* : bc & o *p* : o ●^{0} *n* :
17	Ci-St : A-Cu-lent.	Ci-St : A-Cu-Cu-Nb.	A-St : Cu : Cu-Nb.	7	5	6	9	10	10	...	⊕	⊕	●▲	...	●^{0}	●^{0} early, bcq *a* : c & op ●▲ *p* : o ●^{0}
18	Nb.	A-St:St-Cu:Nb-Cuf.	Ci : Cu to St-Cuf.	10	10	9	9	6	3	●	●	●^{0}	...	...	...	o ● q *a* : o to bc *p* : b *n* : [*n* : ⊕ *a*
19	St-Cu.	Cu.	Ci : Cu.	9	8	7	4	4	2	...	...	...	...	...	...	o, c *a* : bc *p* : b *n* :
20	Ci : Ci-St : St-Cu.	Cu to St-Cu.	Ci-Cu to A-Cu.	4	3	7	3	3	1	⊕	...	...	...	...	...	b & c *a* : b *p* & *n* : ⊕ 7^h
21	Ci.	Ci.	A-Cu to A-St.	1	1	1	2	9	10	...	...	...	...	...	...	b *a* : b to o *p* : o *n* :
22	A-Cu : A-St.	A-St : Nb.	A-St : Nb.	9	9	10	10	10	10	...	...	●^{0}	●^{0}	●^{0}	...	o, o ●^{0} *a* : ●^{0} *p* : o *n* :
23	—	Cu.	A-Cu : Cu : Cu-Nb.	—	1	2	4	4	—	...	...	...	...	p△	...	b, by *a* : bc p △ *p* : b & o *n* :
25	Ci to Ci-St : St-Cu.	A-Cu : Cu-Nb.	St Cu : Cu : Cu-Nb.	6	8	8	5	8	1	⊕	...	●	...	p ●^{0}	...	bc, c ● q *a* : bc p △, p ●^{0} *p* : b *n* :
25	A-Cu : St-Cu.	A-Cu : Cu : Cu-Nb.	A-Cu : Cu-Nb : Cu.	6	7	6	6	5	5	...	...	...	...	...	...	bc c *a* : c p ●△, p ●^{0} *p* : bc p ●^{0} *n*:
26	Nb-Cuf : Nb.	A-Cu : Cu-Nb.	S.-Cu : Cu-Nb : Nb.	9	9	6	9	8	9	●^{0}	...	p ●	...	●^{0}	●^{0}	c & o p ● q *a*, *p* & *n* :
27	Cu.	Cu.	Cu.	5	4	1	3	1	8	...	...	...	...	...	...	bc *a* : b *p* : c, p ● late *n* :
28	St-Cu : Cu.	Ci : Cu-Nb : Cu.	Nb.	8	3	6	9	10	9	...	...	...	...	●	...	c to b *a* : o ●^{2}, ● & ✸ *p* : p✸^{0}, o *n*:
29	A-Cu : Cu.	St-Cu : Nb-Cuf.	A-Cu : Cu-Nb : Nb-Cuf.	7	3	9	9	8	9	...	...	...	...	...	p ●△	⊔ early, b to op ●^{0} *a* : c & o p ●, p [●△ *p* & *n* :
30	Cu-Nb : Nb.	St-Cu : Cu.	St-Cu : Cu : Cu-Nb.	9	6	7	7	3	4	...	...	...	...	...	...	p ● early, bc *a* : c *p* : b, o p ●^{2}▲^{2}, b c *n*:
Mean Cloud Am'nt,				6·5	5·8	6·5	6·8	6·5	6·3							
Day.	Cloud Forms. 7^h	13^h	18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.

105. Aberdeen. **May, 1925.**

Day.	Cloud Forms. 7^h	Cloud Forms. 13^h	Cloud Forms. 18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	A-Cu : Cu-Nb.	Cu.	St-Cu : Cu.	1	3	5	4	6	3	...	...	...	...	...	...	b, c p ●^{0} △^{0} a : bc p : b n :
2	Ci : Ci-St.	Ci : A-Cu : St-Cuf.	A-Cu : Cu-Nb : Nb-Cuf.	4	2	5	7	7	7	⌓	...	...	p ●^{0}	...	...	bc a : c p ●^{0} p : c n : ⊕ 8^h
3	Ci : St-Cu.	A-Cu : A-St : M-Cu.	A-Cu : A-St : St-Cu.	6	4	8	9	9	10	...	⊕	...	...	...	...	c, bc, c ●^{0} a : o p & n : ⊕ 9^h
4	St.	St.	St : Fog.	10	10	10	10	10	10	...	...	...	...	≡⋮	≡⋮	o, ≡^{0} a : o ≡^{0} to ≡⋮ p : ≡⋮^{2} n :
5	Nb.	Nb.	A-St : Nb.	10	10	10	10	10	7	●	...	●^{0}	●^{0}	●^{0}	...	≡⋮^{2} early, ●, ≡ & ≡^{0} a : ● & ●^{0} p : [c n :
6	Nb.	A-St : St-Cuf.	St-Cuf.	10	10	7	1	10	9	●	●	...	...	...	...	o ● a : b to o p : o n :
7	A-Cu : St-Cuf.	A-Cu : St-Cuf.	A-Cu : St.	8	5	10	10	9	8	...	...	...	...	...	...	c, bc, o a : o p : c n :
8	A-St : Nb.	St-Cu : St-Cuf.	St-Cuf.	10	10	5	5	9	10	●^{0}	●^{0}	...	...	...	●^{0}	● & ●^{0} a : bc p : o ●^{0} n :
9	Nb.	Nb.	Nb.	10	10	10	10	10	10	●^{0}	●^{0}	●	●≡⋮	●	●≡⋮	o ● a : ● ≡ ⋮ p : ●^{0} ≡ n ^{2} n :
10	St-Cuf.	Fog.	St.	8	2	2	10	10	10	...	...	...	...	...	...	b & c a : c & o T ≡^{0} p : ≡, o ≡ n :
11	A-St : Fr-St.	St.	Cu.	10	10	10	5	1	—	...	...	...	...	...	...	o, ●^{0} a : bc & c ‘ ●^{0} p : b n :
12	Ci-Cu : A-Cu.	Ci-Cu : A-St : Cu.	A-St : St-Cu : Fr-Nb.	7	4	7	10	10	10	...	...	...	p ●^{0}	p ●^{0}	●^{0}	bc p ●^{0} a : o p ●^{0} p : o ●^{0} n :
13	Cu.	Ci : Ci-St : Cu.	A-St : A-Cu : Cu.	1	1	4	9	7	10	...	...	⊕	⊕	...	●^{0}	b a : b to o p : c, o ●^{0} n : ⊕ 12^h-16^h
14	St-Cu : Cu.	Cu.	—	8	3	1	1	—	—	...	...	...	...	...	...	●^{0} early, c–b a : b p & n :
15	St.	St.	St.	10	10	10	7	10	10	...	...	...	...	...	...	o a : c p : o n :
16	St.	A-Cu:St-Cu:St-Cuf.	St : Fog.	10	9	8	10	10	10	...	...	...	...	≡^{2}	...	p ● early, o to c a : o to ≡^{2} p : ≡^{2} [☈ ●^{2} n :
17	A-Cu : Cu-Nb.	A-Cu : Cu : Cu-Nb.	A-Cu.	6	7	6	4	3	10	...	...	...	...	...	...	c a : bc p : b to o n :
18	St.	St.	St.	10	10	10	4	10	8	...	...	...	...	...	...	☈ ●^{2} early, o a : bc p : c n :
19	St-Cuf.	A-Cu : Cu.	Ci : A-Cu : Fr-Cu.	1	—	2	4	1	10	...	...	...	⊕	...	...	b a · bc p : o n : ⊕ 15^h
20	A-St : Nb.	A-Cu : Fr-St.	Ci-Cu : A-Cu : Cu.	10	6	1	—	4	9	●^{0}	...	...	...	...	...	●^{0} to b a : b p : c to o n :
21	St-Cuf.	A-Cu : Cu.	A-Cu : Cu.	9	3	2	3	1	7	...	...	...	...	...	...	o to b a : b p : c n :
22	St-Cuf.	False Ci : St-Cu : Cu	St-Cu : St.	8	1	7	9	10	10	...	...	...	...	...	...	bc & c a : o p & n :
23	St-Cu : St.	St-Cu - St.	Nb.	10	10	10	10	10	10	...	...	...	●^{0}	●	...	o a : o ●^{0} p : ●, o n :
24	St-Cu : St-Cuf.	St-Cu : St-Cuf.	St-Cu : Nb.	10	9	10	10	10	10	...	...	...	...	●^{0}	●^{0}	o a & p : o ●^{0} n :
25	Nb.	Nb.	Nb.	10	10	10	10	10	10	●^{0}	●^{0}	●^{0}	●^{2}	●^{0}	●^{0}	●^{2} early, ● a : o ● p : o ●^{0} n :
26	St-Cu : Cu.	St-Cu : Cu.	Ci-St : A-St : Fr-Cu.	2	7	7	5	10	10	...	...	...	...	⊕	●^{0}	b to c & o a : bc p : o, ●^{0} n : ⊕ 18^h
27	Nb.	A-St : Fr-Nb.	Ci : Cu : St-Cu.	10	10	10	7	2	2	●	●	...	...	...	...	o ● a : c p : b n :
28	St-Cu: Fr-Cu: Fr-St.	A-Cu:St-Cu:Cu-Nb.	False Ci : Cu.	10	9	7	7	1	4	...	...	p ●^{0}	...	...	...	o to c p ●^{0} a : c T, p △^{0} p : bc n :
29	A-Cu : Nb-Cuf.	A-Cu : Cu-Nb.	A-St : Cu.	9	9	7	4	10	10	...	...	p ●^{0}	...	...	●^{0}	c & op ● a : bc p : o ●^{0} n :
30	Fr-Cu.	Cu : Cu-Nb.	A-Cu : Cu-Nb.	2	4	8	7	3	9	...	...	p ●^{0}	p ●^{0}	...	...	bc & cp ●^{0} q a & p : o n :
31	False Ci : A-Cu : St-Cu.	A-Cu : Cu.	A-Cu :St-Cu:Cu-Nb.	7	8	6	7	4	1	...	...	...	...	...	...	cq a : bc & c p : b n :
Mean Cloud Am'nt.				7·6	6·6	6·9	6·7	7·0	7·9							

106. Aberdeen. **June, 1925.**

Day.	Cloud Forms. 7^h	Cloud Forms. 13^h	Cloud Forms. 18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	St-Cu : Cu.	False Ci : Cu-Nb.	A-Cu:Cu-Nb.	2	6	8	7	8	3	...	...	p△^{0}	...	...	...	bc, cp ● a : p △^{0}, c p : b n :
2	St-Cu : St.	A-Cu : Cu-Nb.	St Cu:M-Cu:Cu-Nb.	7	6	8	8	7	2	...	...	p ●^{2}	p ●	...	...	c & bc, p ●^{0} a : cp ●^{2} p : p ●^{0} to b n
3	A-St : St-Cu.	A-Cu to St-Cu : Nb.	Ci-Cu : Cu to St-Cu.	10	10	9	8	6	7	...	●^{0}	...	⊕	...	...	o to ● a : c p : bc & c n : ⊕ 15^h
4	St-Cu.	Ci : St-Cu : Cu.	Ci-St : Ci-Cu : Cu.	8	3	7	4	8	5	...	...	...	...	...	...	bc & c, a, p & n :
5	Ci : Ci-Cu : A-Cu.	Ci : A-Cu.	Ci : A-Cu.	5	6	2	5	3	10	...	...	...	⊕	...	...	b & bc y a & p : o n : ⊕ 15^h
6	A-St: M-Cu : Fr-Nb.	St-Cu:M- Cu: Fr-Cu.	Ci : Ci-Cu : Cu.	10	10	8	7	4	1	●^{0}	●^{0}	...	...	...	⌓	☈ ● & ●^{2} to c a : c p : b ⌓ n :
7	Ci : Fr-St.	Ci.	Ci to Ci-Cu.	1	1	1	1	2	1	...	...	...	...	...	⌓	Fine throughout.
8	St.	St.	St.	10	10	10	10	10	10	...	...	...	...	...	...	o ≡^{0} to ≡ a : o ≡^{0} p : ≡ & ≡^{0} n :
9	St : Fog.	Fog.	Fog.	10	7	1	1	1	1	≡	...	...	...	...	...	o ≡ to b a : b p & n :
10	Ci.	Ci.	St-Cu.	2	2	1	—	1	7	...	...	...	...	...	...	b a & p : c n :
11	A-Cu.	A-Cu : Cu.	A-Cu.	2	6	9	10	2	8	...	...	...	...	...	...	b to o a : o to b p : c & o n :
12	St-Cu.	Cu.	St-Cu.	10	9	5	5	1	2	...	...	...	...	...	...	c & o a : bc p : b & o n :
13	St-Cu : Cu-Nb.	A-St:St-Cu:Cu-Nb.	A-St : Cu.	8	6	10	7	9	4	p ●^{0}	...	p ●	...	...	...	c & o p ● a & p : bc q n :
14	A-Cu : St-Cuf.	A-Cu : St-Cu : Cu.	St-Cu.	5	8	7	8	7	9	...	...	...	...	...	...	bc & c a : c p : o n :
15	St-Cu : Fr-Cu.	A-Cu-lent:St-Cu:Cu.	St-Cu : Nb-Cuf.	9	8	8	9	9	3	...	...	...	...	p ●^{0}	...	c & o p ●^{0} a : o, o ● p : c & op ●, [b n :
16	A-Cu:St-Cu:St-Cuf-	A-Cu : St-Cu : Cu.	St-Cu : Cu.	7	9	7	6	8	5	...	...	...	⊕	...	...	c & o a : bcq & cp ●^{0} p : bc n : ⊕ 15^h
17	Cu.	Cu.	St-Cu : Cu.	5	4	3	4	6	7	...	...	...	...	...	...	p ● early, b & bc, cp ● a : bc yq p : [cq n :
18	Cu : Cu-Nb.	Cu : Fr-Cu.	Ci : Cu.	9	9	7	6	1	1	...	...	...	...	...	...	c & oqp ● a : bcq p : b n :
19	A-Cu: A-St: St.Cu.	A-Cu:St-Cu:Fr-Cu.	A-Cu : Fr-Cu.	6	7	10	9	9	10	...	...	...	p ●^{0}	...	●^{0}	bc to o y a : o p ●^{0} p : o ●^{0}≡^{0} n :
20	St-Cuf : Fr-St.	Cu.	Ci : A-Cu.	9	9	2	1	3	3	...	...	...	...	...	...	●^{0} early, oq a : bc, bqy p : b n :
21	St-Cu : Cu-Nb.	Cu : Cu-Nb.	Nb-Cuf.	8	9	8	9	10	10	...	...	...	...	...	●^{0}	c & oq, p ●^{0} a, p & n :
22	St-Cuf.	Cu : St-Cuf.	Ci : St-Cuf.	10	10	10	10	9	10	...	●^{0}	...	...	...	...	oq ●^{0} a : oq p : ●^{0}, oq n :
23	Nb-Cuf.	Cu : St-Cuf.	St-Cu.	10	10	9	6	5	7	●^{0}	●^{0}	...	...	...	...	o ●^{0} q a : bcq p : cq n :
24	Cu : St-Cuf.	St-Cu : Cu.	Ci : Cu.	9	10	4	2	1	8	...	...	...	⊕	...	...	c & oq a : b p : c n : ⊕ 15^h
25	St.	Cu-Nb : St-Cuf.	Cu.	10	6	8	9	9	8	...	...	p ●^{0}	...	...	...	o, bc & cq p ●^{0} a : c & oqp ●^{0} p : [c & o n :
26	St-Cu : St-Cuf.	Cu : Cu-Nb.	St-Cu : Cu.	8	10	8	7	7	8	...	...	...	...	...	...	c & oq p ●^{0} a : cq p : c & op ●^{0} n :
27	St-Cu : Nb-Cuf.	St-Cuf.	Ci-St:A-Cu:St-Cuf.	10	10	9	7	4	5	...	...	...	...	⊕	...	p ● early, oq a : cq. p : bc n : ⊕ 18^h
28	A-Cu : A-St.	A-Cu:A-St: St-Cu.	A-Cu : St-Cu.	9	8	10	8	8	6	...	...	...	...	...	...	c & o a & p : bc n :
29	St-Cuf.	A-Cu : St.	St.	9	4	6	8	10	9	...	...	...	...	...	...	bc & o a, p & n :
30	A-Cu : St-Cu.	A-Cu : Cu.	A-St : St-Cu.	5	3	4	9	10	9	...	...	...	...	...	...	b & bc a : c & o p ●^{0} p : ●^{0}, o, [● later n :
Mean Cloud Am'nt.				7·4	7·2	6·6	6·4	5·9	6·0							

Day. | Cloud Forms. 7^h 13^h 18^h | Cloud Amount (All Forms). 7^h 9^h 13^h 15^h 18^h 21^h | Weather. 7^h 9^h 13^h 15^h 18^h 21^h | Remarks.

107. Aberdeen. **July, 1925.**

Day.	Cloud Forms. 7^h	Cloud Forms. 13^h	Cloud Forms. 18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	A-Cu : Nb-Cuf.	St.	St.	9	9	10	10	10	9	...	...	...	...	...	...	● early, o *a*, *p* & *n* :
2	A-Cu : St-Cuf.	Ci : A-Cu : Fr-St.	Ci-Cu : St-Cu.	9	7	6	3	4	5	...	...	...	...	...	...	c & o *a* : b & bc *p* & *n* :
3	St-Cu : Nb.	Ci : St-Cu.	Ci : A-Cu : Cu.	10	10	7	7	2	8	...	...	...	...	...	...	● early, c & o *a* : c to b *p* : bc & o *n* :
4	St-Cu.	Ci-Cu : St-Cu.	A-Cu.	6	1	1	1	6	8	...	...	...	...	...	...	b & bc *a* & *p* : c *n* :
5	False Ci : A-Cu.	St-Cu : Cu.	A-Cu : A-St : St-Cu.	2	1	6	3	7	10	...	...	...	...	...	...	b⌓ to bc *a* : b to c *p* : o ≡^{0} *n* :
6	A-Cu : St.	A-Cu : St.	St-Cu.	7	9	9	10	10	10	...	...	...	...	...	●	c to o ≡ *a* : o *p* : o ● *n* : [p ●^{0} b c *n* :
7	A-Cu : Cu.	Ci-St : St-Cu : Cu.	St-Cu : Cu-Nb.	9	9	7	8	8	6	...	...	...	...	p●	...	● & ●^{2}, c & o p ● *a* : c p ● *p* :
8	Ci-St : Cu.	Cu.	St-Cu : Cu.	1	6	9	7	9	8	...	...	...	...	...	p●^{0}	b to o y *a* : c y *p* : c p ●^{0} *n* :
9	A-Cu : Cu.	Cu-Nb.	A-St : Nb-Cuf.	8	6	8	9	9	10	...	...	●	...	p●^{0}	●^{0}	bc & cp ● *a* : c & o p ● *p* : o ● *n* :
10	Ci-St : Cu.	Ci-St : Cu.	A-Cu : Cu.	7	8	6	3	4	9	...	...	...	...	...	...	c to bc *a* & *p* : o *n* :
11	St-Cu : Fr-St.	St-Cu : Cu.	False Ci : Cu.	9	8	5	5	4	2	...	...	...	...	...	...	o to bc y *a* & *p* : b *n* :
12	Ci : St-Cu.	Cu.	St-Cu : Cu-Nb.	2	2	9	10	9	10	...	...	...	...	●	●^{0}	b to o *a* : o to o ● *p* : o ● & ●^{0} *n* :
13	Nb.	St-Cu : St.	St.	10	10	9	10	10	10	●^{0}	●^{0}	...	...	...	≡	o ●^{0}, o *a* : o *p* : o ≡ *n* :
14	St.	A-Cu : Fog.	M-Cu : Fr-St.	10	5	4	7	9	10	...	...	...	...	...	...	≡ early, o to bc *a* : bc & c *p* : o *n* :
15	Nb.	A-St : Cu : Fr-Cu.	St-Cu : Fr-St.	10	8	9	10	8	10	●	...	...	...	...	...	o ● to c & o u g *a* : p ●^{0}, c *p* : o *n* :
16	Ci-St:A-Cu:St-Cuf.	Ci-St: A-Cu : Cu.	A-St : Nb.	4	8	6	9	10	9	⊕	...	⊕	...	●^{0}	...	bc & c *a* : c to o ●^{0} *p* : ●^{0}, o *n* : ⊕ 7^h
17	A-Cu : St-Cu.	A-Cu : Fr-St	A-St : Fr-Nb.	8	6	9	9	10	9	...	...	...	...	...	...	bc & c *a* : o, ●^{0} *p* : o *n* : [& 13^h
18	A-Cu : St-Cu : Cu.	St-Cu : St.	Ci-Cu : Fr-St.	8	9	10	9	7	10	...	...	...	...	...	...	Mainly c & o throughout.
19	St : Fog.	Nb.	A-Cu : Fr-St.	10	9	10	8	1	—	≡	...	●	...	...	—	o ≡ to o ● *a* : ● to b *p* : b⌓, ≡ *n* :
20	Ci : Ci-Cu : A-Cu.	A-St : Nb.	St-Cu : Nb.	3	9	10	10	9	10	⌓	...	●	...	...	...	b⌓ to o ● *a* : ● & ●^{2}, o *p* : op ●^{2} *n* :
21	St-Cu : St.	A-Cu : Cu.	Ci : Ci-St : Cu-Nb.	9	1	2	2	4	2	...	...	...	...	...	...	p ● early, to b *a* : b *p* : bc, b *n* :
22	St.	Ci-St.	Cu-Nb.	10	1	4	5	10	8	...	...	...	...	T●	...	o to b & bc *a* : bc, o u T ● *p* : ●^{2} ⇲
23	Nb-St.	St.	St-Cu : St.	10	10	10	10	5	10	●^{0}	...	...	...	...	...	●^{0}, o *a* : o to bc *p* : c, o *n* : [*c n* :
24	Nb-St.	St.	Ci : St.	10	10	8	1	1	10	●^{0}	...	...	...	...	...	●^{0}, o *a* : c to b *p* : b to o *n* :
25	Nb.	St.	Ci-Cu : St.	10	10	8	8	5	10	●^{0}	...	...	...	...	...	c & o ●^{0} *a* : bc & c *p* : c & o ≡ & ≡⁝ *n* :
26	St : Fog.	Nb.	A-St:St-Cu:Fr-Nb.	10	10	10	8	9	10	≡	⇲●	●	...	●^{0}	...	⇲ ●^{2} ≡, ● *a* : c & o ●^{0} *p* : o, *p* ●^{0} *n* :
27	Ci : Fr-St.	Cu.	Cu.	4	1	1	1	1	4	...	...	...	...	...	...	b & bc *a*, *p* & *n* :
28	Nb.	Ci : Cu-Nb.	A-Cu : Cu-Nb.	9	8	3	4	7	8	●^{0}	...	...	...	...	...	o ●^{0} to b *a* : bc T, c *p* : c & bc *n*
29	Cu-Nb : Fr-Nb.	A-St : Cu-Nb.	Cu-Nb : Nb.	9	9	9	9	9	8	...	...	...	●	...	...	p ●^{2} early, c&o*a* : op ●^{2}T, ●*p* : ●^{0}, c *n* :
30	St-Cu.	Ci-St : A-Cu : Cu.	Cu-Nb : Nb.	6	6	6	10	10	9	...	...	...	●	●^{0}	●^{0}	bc & o *a* : c & o p ● *p* : ●, ●^{0} *n* :
31	St-Cu : Nb.	Cu : Cu-Nb.	St-Cu : Cu.	9	6	8	9	7	8	●^{0}	...	...	...	...	...	●^{0}, c & o p ● *a* : c & o *p* & *n* :
Mean Cloud Am'nt.				7·7	6·8	7·1	6·9	6·9	8·1							

108. Aberdeen. **August, 1925.**

Day.	Cloud Forms. 7^h	Cloud Forms. 13^h	Cloud Forms. 18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	St-Cu : Cu.	A-Cu : St-Cu : Cu.	St-Cu - Cu-Nb.	8	8	8	8	8	4	...	...	...	p●^{0}	p●^{0}	...	c, c & o *a* : c p ●^{0} *p* : o to b c *n* :
2	St-Cu : Cu.	Ci-Cu : Cu : St-Cuf.	A-Cu-lent: St-Cu:Cu	7	10	7	5	4	7	...	●^{0}	...	...	...	...	c & o ●^{0} *a* : bc *p* : c *n* :
3	Ci : St-Cu.	A-Cu : St-Cu : Cu.	A-Cu : St-Cu.	7	8	7	10	6	2	...	...	...	...	...	...	c & o *a* : o to bc *p* : b *n* :
4	St.	St-Cu : Cu : St-Cuf.	St-Cu : St.	10	9	9	8	7	4	...	...	...	...	...	...	⌓ ≡ early, o, ●^{0} *a* : c & o *p* : bc *n* :
5	St.	Ci : St-Cuf.	St-Cu : Fr-St.	9	10	3	8	9	10	...	...	...	...	...	...	c & o to b *a* : bc & c *p* : o *n* :
6	St-Cu : St.	A-Cu : A-St : Cu.	A-St : St-Cu : Cu.	7	6	7	10	5	2	...	...	...	...	...	...	bc & c p ●^{0} *a* : c, op ●^{0}, bc *p* : op ●,
7	A-St : St-Cu.	Ci : A-Cu : Cu.	A-Cu : Fr-St.	7	9	7	9	9	8	...	...	...	...	●^{0}	...	c & o *a* : c & o p ●^{0} *p* : c *n* : [b *n* :
8	St-Cu.	Ci : Cu.	Ci.	9	7	2	2	1	3	...	...	...	...	...	...	c & o *a* : b *p* : bc *n* :
9	Nb.	A-Cu : Fr-Cu.	Ci : Fr-Cu.	10	10	2	3	1	3	●^{0}	●	...	...	...	...	o ● to b *a* : b & bc y *p* : b *n* :
10	St-Cu.	Ci : A-Cu : Cu.	Ci-St : A-Cu : Cu.	5	1	2	6	3	1	...	...	...	...	...	⌓	bc to b *a* : bc & c *p* : b, ⌓ *n* :
11	St-Cu : Cu.	St-Cu : Cu.	Ci : A-Cu : Cu.	3	5	8	5	6	10	...	...	...	...	...	...	b to c *a* : bc *p* : c to o *n* :
12	Nb.	Nb-St.	Ci-Cu : St-Cu : Cu.	10	10	10	2	4	10	●	●	...	...	...	...	o ● & ●^{0} q *a* : b & bc *p* : c to o *n* :
13	A-Cu : St-Cu.	St-Cu : Nb-St.	St-Cu : St-Cuf.	9	6	10	10	7	9	...	...	...	...	...	...	●^{0} early, bc & o *a* : o to c *p* : c to o *n* :
14	St-Cu.	Ci-St : St-Cu : Cu.	Ci : St-Cu.	3	7	8	6	7	8	...	...	...	...	...	...	b to c & o *a* : bc & c *p* : c & o *n* :
15	St-Cu.	Ci-St : A-Cu : Cu.	Ci : St-Cu.	9	9	7	5	1	1	...	...	...	...	...	...	o *a* : c to b *p* : b *n* :
16	St-Cu.	Cu.	Ci-Cu : Fr-Cu.	8	3	4	1	6	2	...	...	...	...	⊕	...	b & c *a* : b & bc *p* : b *n* : ⊕ 18^h
17	St.-Cu	Ci-Cu : St-Cu : Cu.	St-Cu : St-Cuf.	9	9	6	9	9	10	...	...	...	...	...	...	c & o to bc *a* : c & o *p* : o *n* :
18	St.	Ci-St : St-Cuf.	Ci : St-Cuf.	10	10	3	4	4	10	...	...	...	...	...	...	●^{0} early, o to b *a* : b & bc *p* : o *n* :
19	St.	St.	St-Cu : St-Cuf.	10	10	10	10	8	10	...	●^{0}	...	...	...	...	o, ●^{0}, o *a* : o to c *p* : o *n* :
20	St-Cu : St.	St-Cu : Cu.	Ci : Fr-St.	10	8	2	1	1	10	...	...	...	...	...	...	o to b *a* : b *p* : bc to o *n* :
21	St-Cu : Fr-St.	St-Cu : St.	St-Cu : St.	5	10	10	10	10	10	...	...	...	...	...	...	bc & c to o *a* : o *p* & *n* :
22	Fr-St.	A-Cu : Cu.	A-Cu : St-Cuf.	7	9	8	5	9	10	...	...	...	...	...	●^{0}	c & o *a* : bc & o *p* : o ● & ●^{0} *n* :
23	Fog.	A-Cu : Fr-St.	Nb.	10	10	9	10	10	10	≡	...	...	...	●^{0}	●	● early, o ≡ *a* : o to o ●^{0} *p* : ● & ●^{2}
24	St-Cu : Fr-Nb.	St-Cu : Cu.	A-Cu : St-Cu.	9	9	9	9	8	8	...	...	...	...	...	...	●^{0} early, o *a* : c & o *p* : c *n* : [*n* :
25	Cu.	St-Cu : Cu.	Ci-Cu : St-Cu : Cu.	1	1	8	7	5	5	...	...	...	...	...	...	b to c *a* : c *p* : bc *n* :
26	A-Cu : Fr-St.	A-Cu: St-Cu: Fr-Cu.	Ci-Cu: St-Cu: Fr-St.	1	7	9	10	7	8	...	...	...	...	...	...	b to o *a* : o ● to c *p* : c *n* :
27	A-St : St-Cu.	Ci-St : St-Cu : Cu.	A-Cu : Cu.	10	10	8	7	3	1	...	...	⊕	...	...	...	c & o ●^{0} *a* : c p ●^{0} *p* : b *n* : ⊕ 13^h
28	St-Cu.	A-Cu:St-Cu:Nb-Cuf.	A-Cu : St-Cuf.	1	1	8	7	4	3	⌓	...	p●^{0}	...	...	...	b⌓ to c p ●^{0} *a* : c & o p ●^{0} *p* : c to b
29	St-Cu : Cu.	St-Cu - Cu.	Cu : Cu-Nb.	2	7	8	7	7	8	...	...	...	...	...	...	b to c & o *a* : c p ● *p* : c *n* : [*n* :
30	Ci-St : A-Cu : St-Cu.	A-St : Nb.	A-St : Nb.	7	8	10	10	10	9	...	⊕	●	●^{0}	...	...	c & o, ● *a* : o ●^{0} *p* : o *n* : ⊕ 9^h [bc *n* :
31	A-Cu : A-St : St-Cu.	A-Cu : St-Cu : Cu.	St-Cu : Fr-Cu.	9	9	8	10	9	4	...	...	...	...	...	...	●^{0} early, c& o *a* : c & o p ●^{0} *p* : p ●^{0},
Mean Cloud Am'nt.				7·2	7·6	7·0	6·9	6·1	6·5							
Day.	7^h Cloud Forms.	13^h	18^h	7^h Cloud Amount (All Forms).	9^h	13^h	15^h	18^h	21^h	7^h Weather.	9^h	13^h	15^h	18^h	21^h	Remarks.

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109. Aberdeen. **September, 1925.**

Day.	Cloud Forms. 7^h	Cloud Forms. 13^h	Cloud Forms. 18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	St-Cu : St-Cuf.	A-Cu : Cu.	St-Cu : Cu-Nb.	6	4	6	9	4	1	...	...	...	...	...	...	b & bc *a* : c p ●° *p* : bc, b *n* :
2	Ci : Ci-Cu : St-Cu.	St-Cu : Cu.	Nb.	4	9	10	10	10	10	...	...	...	●	●°	●°	bc to o *a* : o ● *p* : o ●° *n* :
3	Cu : Nb-Cuf.	A-Cu-lent : Cu-Nb.	St-Cu : Cu-Nb.	4	5	8	5	3	5	●°	p ●°	...	...	...	p ●°	bc & cp ● q *a* : bcq p ● *p* :b c p ●°q*n*:
4	Cu-Nb.	A-Cu : Cu.	St-Cu : Nb-Cuf.	4	8	9	10	7	3	p ●	p ●	...	...	...	...	bc & c p ● q *a* : c & o p ●° q *p* : bq *n*:
5	St-Cu : St-Cuf.	St-Cu - Cu.	A-Cu : Cu-Nb.	6	9	8	6	9	8	...	...	...	...	p ●°	...	c & oq *a* : bcq, c & o p ●° *p* : p ●°, c *n*:
6	St-Cu : Fr-Nb.	Nb-Cuf.	St-Cu : Nb-Cuf.	8	5	9	3	7	9	p ●°	...	p ●°	...	...	...	bc & c p ●° q *a* : bc & c *p* : ●°, o *n*:
7	St-Cu.	A-St:St-Cu:Nb-Cuf.	Nb.	9	9	10	10	9	10	...	...	●°	●°	●	●	o, o ●° *a* : o ●° *p* : o ● *n* :
8	St-Cu : Cu-Nb.	St-Cu : Cu-Nb.	A-Cu : St-Cu : Cu.	2	7	9	9	10	10	...	...	...	...	...	...	b to o *a* : o *p* ●° *p* : o *n* :
9	St-Cu : Fr-Nb.	St-Cu : Nb-Cuf.	A-Cu:St-Cu:Fr-Cu.	9	10	9	9	8	7	...	●°	●	...	...	...	p ●°, o, o ●° *a* : c & o ● *p* : c *n* :
10	St-Cu : Cu-Nb.	A-Cu : Cu : Cu-Nb.	St-Cu : Cu.	2	4	4	4	9	10	⌓	...	...	...	...	...	b ⌓, bc & c p ●° *a* : b & bc *p* : c, o [*n*:
11	St-Cu : Cu.	Cu-Nb.	St-Cu : Cu.	3	9	5	5	8	6	...	...	...	...	...	...	bc & o p ● *a* : bc, c p ● *p* : bc *n*:
12	St-Cu.	St-Cu : Cu.	St-Cu.	8	8	9	8	1	—	...	...	...	...	...	⌓	c *a* : c & o *p* : b ⌓ *n* :
13	St-Cu.	A-Cu.	Ci-St : A-Cu.	4	2	3	3	4	9	⌓	...	...	...	...	p ●°	bc ⌓, by *a* : b y *p* : c, op ●° *n* :
14	Nb.	A-St : St-Cu.	A-St : St-Cu : Cu.	10	9	9	9	8	10	●°	...	...	...	...	...	o ● to o *a* : o *p* : c, o *n* :
15	A-St.	Ci-St. A-Cu.	Ci : Ci-Cu : A-Cu.	10	6	6	6	6	2	...	⊕	⊕	...	...	...	o to bc *a* : bc *p* : b *n* : ⊕ 9^h
16	A-St:St-Cu:Fr-Nb.	St-Cu : Cu-Nb.	A-Cu : Cu-Nb.	10	9	8	7	7	—	...	...	...	...	T	...	o, ●°, c *a* : c p ●°, T *p* : ☈ ●° to b
17	Ci : St-Cu.	Ci : A-Cu : Cu-Nb.	A-St : M-Cu:St-Cuf.	1	1	4	9	10	10	⌓	...	...	...	...	●°	b ⌓ to bc *a* : c, o *p* : o ●° *n* : [*n*:
18	St-Cu.	St-Cu : Cu.	Ci : St-Cu	10	5	4	5	1	10	...	...	...	...	...	...	● early, o to bc *a* : b & bcy *p* : c, o *n*:
19	A-St : St-Cu.	Ci-St : Fr-Cu.	A-St : Fr-Nb.	8	7	8	10	10	10	...	⊕	⊕	...	...	●	p ● early, c ≡° *a* : c to o *p* : ☈ ●, [o ● *n* : ⊕ 9–14^h
20	A-St : Fr-St.	Ci-St : A-Cu : Cu.	A-Cu : St-Cu.	10	7	7	7	2	1	...	⊕	...	...	...	...	● early, o to c *a* : c to b *p* : b *n* : ⊕ 9^h
21	Ci : A-Cu.	A-St : Cu-Nb.	Ci : St-Cu.	4	9	10	9	2	—	...	⊕	...	●°	...	...	⊔ early, bc to o *a* : o ● *p* : b *n* : ⊕ 9^h
22	A-Cu : Cu.	A-St:St-Cu:Fr-Cu.	Nb.	9	8	9	10	10	10	...	...	...	...	●	●°	c & o *a* : o, o ● *p* : o ●° *n* :
23	Ci : St-Cuf.	Cu-Nb.	St-Cu : Cu-Nb.	7	9	8	8	7	10	...	p ●°	p ●°	...	...	...	c & o p ●° *a* & *p* : c, o *n* :
24	Ci-Cu :A-Cu : St-Cu.	Cu.	St.-Cu	7	6	9	9	5	10	...	...	...	●	...	...	bc & c *a* : o ● *p* :c to o *n* : Ш 23^h
25	A-Cu : St-Cu.	Ci-St.	A-St : Cu.	5	6	8	8	10	10	...	...	...	...	...	●	bc to c *a* : c *p* : o ● *n* :
26	St-Cu : Nb.	St-Cu : Nb-Cuf.	St-Cu : Nb-Cuf.	8	8	9	10	8	7	●°	●°	...	●°	●°	...	o ● to ●° *a* : o to c ●° *p* : c p ●°, c *n*:
27	St-Cu : Cu-Nb.	Ci-St: St-Cu:Cu-Nb.	A-Cu : St-Cu.	2	5	8	4	3	6	...	...	⊕	...	...	...	b & bc p ●°, c *a* bc *p* & *n* : ⊕ 13^h
28	St-Cu.	Ci-St : A-Cu : St-Cu.	Ci-St : A-Cu : St-Cu.	9	9	8	8	6	8	...	...	...	...	...	...	o to c *a* : c *p* : bc to c *n* :
29	St-Cu : Nb.	St-Cu : Nb-Cuf.	Ci : St-Cu.	10	10	10	9	3	2	●°	●	●°	...	...	...	o ● & ●° *a* : to ●° to b *p* : b *n* :
30	A-Cu.	A-Cu.	Ci : A-Cu : St-Cu.	4	2	1	1	4	5	...	...	...	...	...	Ⓤ	bc to b *a* : b o bc *p* : bc *n* : Ⓤ 21^h
Mean Cloud Am'nt.				6·4	6·8	7·5	7·3	6·4	6·6							

110. Aberdeen. **October, 1925.**

Day.	Cloud Forms. 7^h	Cloud Forms. 13^h	Cloud Forms. 18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	Ci.	Ci : A-Cu.	Ci-St : A-Cu-lent.	2	3	2	1	2	2	...	≡	...	...	⌓	⌓	b, ≡ & c *a* : b *p* : b ⌓ ≡° *n* : ⊕ 8^h
2	A-St.	A-St : A-Cu.	A-St : A-Cu : St-Cu.	7	9	6	6	7	7	⌓	≡	⊕	...	...	...	c ⌓ to o ≡, bc *a* : bc *p* : c *n* : ⊕ 13^h
3	A-Cu : St-Cu.	St-Cu : Cu.	A-Cu : St-Cu.	9	9	8	10	10	9	...	...	...	...	...	...	o to c *a* : c & o *p* : o *n* :
4	St-Cu.	Cu.	Ci : St-Cu.	7	1	4	1	7	4	...	...	...	...	...	...	c to b & bc *a* : b & bc *p* : bc *n* :
5	A-Cu : St-Cu : Fr-St.	St-Cu.	St-Cu : St.	7	9	9	9	9	10	...	...	...	...	...	●°	c & o *a* : o *p* : o, o ● *n* :
6	A-St : St-Cu : Cu.	A-Cu : Cu.	Ci : Ci-Cu : Cu.	8	8	3	4	4	10	...	...	...	...	...	...	c to b *a* : bc *p* : c, o ●°, o *n* :
7	Ci-St : Ci-Cu : Cu.	St-Cu : Cu.	Ci : St-Cu : Cu.	6	6	8	5	4	3	...	...	...	...	...	...	bc p ●° *a* : bc *p* : b *n* :
8	Ci-St : St-Cu : Cu.	St-Cu : Cu.	A-Cu : A-St : St-Cu.	4	3	9	9	10	1	⌓	...	...	...	...	...	b & bc ⌓ to o *a* : c & o *p* : b *n* : Ш 23^h
9	St.-Cu	St-Cu-lent.	St-Cu-lent.	5	3	1	1	1	—	⊔	...	...	...	...	...	⊔ b & bc *a* : b, b ≡° *p* & *n* : Ш 19–24^h
10	St-Cu.	Ci : St-Cu.	St : Nb.	1	1	9	9	10	10	⊔	...	...	...	●°	●°	b ⊔ to o *a* : o, o ●° *p* : o ●° *n* :
11	St.	St-Cu : Fr-Nb.	A-St:St-Cu:Nb-Cuf.	9	9	10	10	10	10	●°	...	●°	...	●°	...	o ●° *a*, *p* & *n* : Ш 24 *n*
12	St-Cu : Nb-Cuf.	Ci-St : A-Cu : Cu.	A-St : St-Cu.	9	2	7	8	10	10	●	...	...	⊕	...	...	o p ● to b & c *a* : c *p* : o *n* : ⊕ 15–17^h
13	Ci : Cu-Nb.	Cu-Nb : Fr-Nb.	Cu-Nb.	8	9	3	2	8	9	p ✱	...	...	...	p ✱	p ● ▲	c & o p ✱ *a*: b c & c p ✱ *p*:c p ✱, ✱, ● ▲ *n*:
14	Cu-Nb.	Cu-Nb.	Ci : Cu-Nb.	7	3	7	3	3	2	p ●² ▲²	...	p ✱°	...	...	...	☈ ●² ▲, c p ✱ ▲ *a*: bc p ● ▲ *p*: c p ●, b *n*:
15	Ci : Cu-Nb.	St-Cu : Cu-Nb.	Cu-Nb.	5	1	2	2	4	1	...	...	...	...	...	...	b & bc p ✱ ▲ *a*: bc p ●° ▲° *p*: c p ●, ✱ & b *n*:
16	Ci-Cu : Cu : St-Cu.	Ci : St-Cu : Cu.	St-Cu.	1	1	5	2	2	4	⊔	...	...	...	...	...	b ⊔, bc *a* : b & bc *p* : bc ≡ & ≡° *n*:
17	Nb.	Cu.	St-Cu : Cu.	10	10	3	6	2	8	●	●°	...	...	...	...	o ● to b *a* : b & bc *p* : c *n* :
18	Cu-Nb : Fr-Nb.	St-Cu : Cu-Nb.	St-Cu : Cu.	4	4	5	2	1	4	●°	...	...	...	...	...	bc p ● *a* : b *p* : bc *n* :
19	St-Cu : Cu.	Ci : Cu.	A-St. : Cu.	2	1	6	7	9	8	⊔	...	...	⊕	...	...	b ⊔ to bc y *a* : c to o *p* : c *n* : ⊕ 14–17^h
20	Nb.	Nb.	Nb.	10	10	10	10	10	10	●°	●°	●	●	●	●°	o ●° to ● q *a* & *p* : o ●° *n* :
21	Ci-St to A-St:St-Cu.	St-Cu : St.	St-Cu.	3	10	10	9	1	10	...	...	...	...	...	...	b ≡° to o *a*: o p ●° *p*: b to o, p ● *n*: Ш 18^h *et seq.*
22	Ci-St:St-Cu:Fr.-Nb.	A-Cu : Fr-St.	St-Cu : St.	7	10	6	7	10	7	...	●°	...	...	...	...	c & o ●° *a* : bc & c p ●° *p*: c & o *n*:
23	Nb.	St-Cu : Nb-Cuf.	A-Cu : St-Cu.	10	10	9	9	5	1	●°	●°	...	p ●°	...	...	●² early, o ● & ●° *a* : c & o p ●° *p*, [b *n* : Ш 18^h *et seq.*
24	Ci-Cu : St-Cu.	Ci-Cu : St-Cu : Cu.	St-Cu.	7	7	3	4	4	6	...	...	...	...	...	...	c p ●°, b *a* : b, bc *p* : bc *n* :
25	St-Cu.	St-Cu : Cu.	St-Cu.	8	7	6	4	2	10	...	...	...	...	...	...	c *a* : bc *p* : b to o, ●° later *n* :
26	St-Cu : St.	A-St : St-Cu.	St-Cu.	8	10	10	10	4	1	...	●°	...	●	...	...	●° early, c to o *a* : o ● & ●² q *p* : b *n*:
27	St-Cu : Fr-St.	St-Cu : Cu : Fr-St.	St-Cu.	4	8	7	7	6	3	...	...	...	...	...	...	bc & c p ● q *a* & *p* : p ● to b *n* :
28	A-Cu : St-Cu.	A-Cu : Fr-Cu.	St-Cu.	2	3	1	3	2	10	...	...	...	...	...	●°	p ● early, b *a* & *p* : b to o ●° *n* :
29	St-Cu.	St-Cu.	Nb.	1	1	6	7	10	10	...	...	...	...	●°	...	b *a* : bc to o ●° *p* : o ●° to o *n* :
30	St-Cu : Fr-St.	St-Cu : St-Cuf.	St-Cu : St.	9	9	10	7	9	10	...	...	...	...	...	...	c & o *a*, *p* & *n* :
31	Ci-Cu : St-Cu:Fr-St.	Ci-Cu : St-Cu : Cu.	St-Cu.	2	2	7	9	10	9	...	...	...	...	...	≡ :	o early, b to c *a* : c, o *p* : o ≡ & ≡: *n*:
Mean Cloud Am'nt.				5·9	5·8	6·2	5·9	6·0	6·4							
Day.	7^h Cloud Forms.	13^h	18^h	7^h Cloud Amount (All Forms).	9^h	13^h	15^h	18^h	21^h	7^h Weather.	9^h	13^h	15^h	18^h	21^h	Remarks.

1. Aberdeen. **November, 1925.**

Day.	Cloud Forms. 7^h	13^h	18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	St : Fog.	St.	St.	4	10	10	10	10	10	…	≡^{2}	…	…	…	…	bc & c ≡^{2} & ≡,^{2} *a* : o ≡^{0}, o *p* : o *n* :
2	Nb.	St-Cu : Cu : Fr-St.	Nb.	10	10	7	1	10	2	●	…	…	…	●^{0}	…	o ● to c *a* : c, b, o ●^{0} *p* : o to b *n* :
3	St-Cu : Fr-St.	St : Fog.	Nb.	2	7	10	10	10	7	…	≡^{2}	…	●^{0}	…	…	b ≡^{0} to c ≡^{2}, ●^{0} *a* : o ●≡^{0} *p* : c *n* :
4	Ci : St-Cu-lent.	Ci-Cu : St-Cu : Cu.	St-Cu.	7	9	2	3	7	2	…	…	…	…	…	…	b & o *a* : b & bc *p* : b≡^{0} *n* :
5	St-Cu.	St-Cu : Cu-Nb.	St-Cu : Fr-Nb.	9	9	7	8	9	2	…	…	…	…	…	…	c & o *a* : c p ●^{0} *p* : p ●, b *n* :
6	St-Cu : Cu : St-Cuf.	St-Cu : Cu.	St-Cu.	8	7	7	9	10	9	…	…	…	…	…	…	c *a* : o *p* & *n* :
7	Cu.	Ci : Cu-Nb.	Cu-Nb.	6	5	7	7	2	4	…	…	…	…	…	…	bc p△^{0} *a* : c p ●^{0}△^{0} *p* : bc p ●△q *n*:
8	Cu-Nb.	False Ci : Cu-Nb.	Nb.	4	2	5	7	10	7	…	…	…	…	✱	…	bc & c p ●△, ✱, ✹ *a* & *p* : o ✱, c *n* :
9	Cu-Nb.	St-Cu : Cu-Nb.	St-Cu : Cu-Nb.	3	4	1	1	1	2	…	…	…	…	…	…	p ✱ early, b & bc *a* : b *p* : p ✱, b *n* : [Ш 20–21^h ⊠ 1·0 cm.
10	Nb.	Cu : Cu-Nb.	Cu-Nb.	10	8	2	1	4	2	✱	p✱^{0}	…	…	…	…	c & op ✱ *a* : b & bc, p ● *p* : b *n* : [⊠ 2·0 cm. Ш 22^h
11	St-Cu : Cu-Nb.	Ci : Ci-St : Cu.	A-St.	7	1	3	2	2	8	…	…	…	…	…	…	c p ✹^{0}, b *a* : b *p* : c *n* : Ш
12	St-Cu.	Ci.	—	1	1	1	1	—	—	⊔	⊔	…	…	…	…	b ⊔ *a* : b *p* & *n* :
13	—	—	—	—	—	—	—	—	—	⊔	…	…	…	…	…	Cloudless throughout.
14	St-Cu.	St-Cu.	St-Cu.	9	9	9	8	2	1	⊔	…	…	…	…	…	o ⊔, ≡ *a*: c & o *p* : o to b *n* : Ш late *n*
15	St-Cu.	Ci-Cu : St-Cu.	A-St : St-Cu.	4	2	3	8	8	10	…	…	…	…	…	…	b & bc, ≡^{0}*a*:bc, c *p*:o, b, o ≡^{0} ●^{0} *n* :
16	St-Cu.	Ci.	St-Cu.	3	1	1	1	1	—	…	…	…	…	…	…	●^{0} early, b *a*, *p* & *n* : Ш 18^h–20^h
17	Ci-St : St-Cu.	Ci.	St.-Cu.	2	7	1	1	1	—	⊔	≡⊔⊕	≡	≡	…	…	b ⊔ to b & c ≡⊔ *a* : b ≡ *p* : b ≡^{0} *n* :
18	—	—	—	—	—	—	—	—	—	⊔	…	…	…	…	⊔	Cloudless throughout. [⊕ 9^h
19	A-Cu.	False Ci.	False Ci.	7	7	2	3	1	1	⊔	⊔	⊕	…	…	⊔	c ≡^{0}⊔ to b *a* : b ≡^{0} *p* : b⊔ *n* : ⊕ 13^h,
20	St-Cu.	St-Cu.	—	7	9	4	1	—	—	⊔	≡^{2}	…	…	…	⊔	c ⊔, o ≡, c *a* : bc, b *p* : b ⊔ *n* :
21	St-Cu.	St-Cu.	St-Cu.	10	10	9	9	9	10	…	≡	…	≡	…	…	o, ≡ *a* : o ≡ *p* : o *n* :
22	St-Cu : Cu.	Ci : A-Cu.	St-Cu.	10	3	1	7	6	9	…	…	…	…	…	…	o to b *a*: b to c *p* : b & o, p ●^{0} *n* : Ш 18^h
23	St-Cu : Cu-Nb.	St-Cu : Cu-Nb.	Nb.	6	1	1	3	10	9	…	…	…	p ●^{0}	p ●^{0}	…	p ●^{0}, b c & b *a*: b & op ● *p*: c & op: ●^{0} *n*:
24	St-Cu.	Nb.	A-St : St-Cu.	10	9	10	8	4	1	…	…	●^{0}	…	…	…	o, o ●^{0} *a* : bc & c *p* : b, p ✱▲ late *n*:
25	Cu-Nb.	Cu-Nb.	Cu-Nb.	7	4	8	7	9	1	p✱▲	p✱^{0}▲^{0}	p✱^{0}	…	p✱	…	bc & c p ✱^{0}▲^{0} q *a* : c p ✱^{0} q *p* : c p [✱^{0} q *n* : ⊠ 0·5 cm.
26	Ci to Ci-St : St-Cu.	A-St : A-Cu.	A-St : St-Cu.	7	8	9	9	9	10	…	…	…	…	…	…	c & o *a* & *p* : o, ●^{0} late *n* :
27	Cu-Nb.	Cu-Nb.	Cu-Nb.	5	9	3	3	5	7	p✱	p✱^{0}▲^{0}	…	…	…	p✱	bc & c p ▲^{2}, ✱ & ✱▲ *a* & *p* : c p ✱ [q *n* : ⊠ 3·0 cm.
28	Cu-Nb.	Cu-Nb.	Cu-Nb.	5	8	5	7	8	7	p✱	…	…	…	p✱	…	bc & c p ✱ q *a* & *p* :cp✱, ✹*n*:⊠8·0 cm·
29	A-St.	Nb.	Nb.	10	10	10	10	10	9	…	…	✱	…	✹^{0}	…	o ✱ *a* : o ✱^{0}, ≡^{0} *p* : ✹^{0}, o ≡^{0} *n* : [⊠ 6·0 cm:
30	St-Cu : Cu-Nb.	St-Cu : Cu-Nb.	St-Cu : Cu.	8	8	7	8	7	7	p✹^{0}	p ●△	p ●△	p ●△	…	…	cq p ●^{2}, ✹△ *a* : c p ●△ *p* : c, bc *n* : [⊠ 1·0 cm.
Mean Cloud Am'nt.				6·0	5·9	4·8	5·1	5·5	4·6							

112. Aberdeen. **December, 1925.**

Day.	Cloud Forms. 7^h	13^h	18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	St-Cu : Cu-Nb.	St-Cu : Cu-Nb.	Cu-Nb : Cu.	6	6	7	10	5	5	…	…	p✱	✱	✱^{0}	…	bc & c p ✹, ●△ *a* : o ✱ *p* : c p✱^{0}, bc *n* : [⊠ 5·0 cm.
2	St-Cu : Cu-Nb.	St-Cu : Cu-Nb.	St-Cu : Cu-Nb.	3	3	8	7	3	8	…	…	…	…	…	…	b & c p ✱ *a* : c & o p ✱^{0} *p* : cp ✱ *n* :
3	St-Cu.	St-Cu : Cu.	St-Cu : St.	8	8	9	8	10	10	…	…	…	…	…	…	c p ✱, c *a* : c & o *p* : o *n* : ⊠ 2·0 cm.
4	St.	—	—	10	1	—	—	—	—	…	…	…	…	…	…	o to b *a* : b *p* & *n* :
5	Ci-St.	Ci-St : A-Cu.	A-Cu : St-Cu.	8	8	7	7	6	9	Ⓤ	…	…	…	…	…	c *a* & *p* : c & o *n* : Ⓤ 7^h
6	Ci-St : A-Cu.	Ci.	—	7	7	2	1	—	—	Ⓤ	≡	≡	≡	≡	…	c, c to b ≡ *a* : b ≡ *p* : b ≡^{0} *n* : Ⓤ 7^h
7	A-Cu : St-Cu.	St-Cu : St.	St.	9	3	8	2	10	10	…	…	…	…	…	…	b & o *a* & *p* : o ≡^{0}, ●^{0} late *n* :
8	St-Cu : St.	A-St : Fr-Nb.	St-Cu : Fr-St.	9	7	9	10	10	—	…	●^{0}	●^{0}	…	…	…	c & o ●^{0} *a* & *p* : b *n* :
9	A-St : Cu.	Nb.	A-St : Fr-Nb.	10	9	10	10	8	10	…	…	●^{0}	…	…	…	c & o ●^{0} *a*, *p* & *n* :
10	St-Cu.	Cu.	St-Cu.	1	3	8	2	1	—	…	…	…	…	…	…	b to cq *a* : bq *p* & *n* :
11	A-Cu : St-Cu.	Nb.	Cu-Nb.	3	8	10	8	1	—	…	●^{0}	●	●	…	…	b & cq ● *a* & *p* : b & c p ●^{0} *n* :
12	Cu-Nb.	A-Cu-lent : Cu-Nb.	Ci-Cu : Cu-Nb.	7	4	4	6	1	3	✹^{0}	p✱^{0}	p✱	…	…	…	bc & c p ✹^{0} *a* : b c p ✱^{0} *p* & *n* :
13	St-Cu.	Cu-Nb : Fr-Cu.	Cu-Nb.	7	8	4	8	7	1	…	…	…	p✱^{2}	p✱^{2}	…	c p ✱^{0} *a* : c p ✱^{2} *p* : bc p ✱, *n* :
14	Cu-Nb.	Cu-Nb.	Cu-Nb.	1	3	5	3	4	4	…	…	p✱^{0}	…	…	…	b & bc p ✱ *a* & *p* : bc p ✱^{0} *n* : ⊠ 10·0 cm. [⊠ 9·0 cm.
15	St.	A-St to A-Cu.	Nb.	10	7	5	9	10	1	✱^{0}	…	…	…	✹^{0}	…	o ✱^{0} to bc ≡^{0} *a* : o, o ✹^{0} *p* : ✹^{0}, b *n* :
16	St.-Cu	Ci to Ci-St : St-Cu.	A-St : St-Cu.	7	8	4	6	8	10	…	…	…	…	…	…	bc & c *a* & *p* : o *n* : ⊠ 6·0 cm.
17	Nb.	Nb.	Nb.	9	9	10	10	10	10	●^{0}	●^{0}	●^{0}	…	●^{0}	✹	o ● & ●^{0} *a* : c & o ●^{0} *p* : o ✹, ✱ *n* :
18	Nb.	Nb.	Nb.	10	10	10	10	10	1	✱^{0}	✱^{0}	✱^{0}	✱^{0}	✱^{0}	…	o ✱ *a* & *p* : ✱^{0} to b *n* : ⊠ 8·0 cm.
19	Cu-Nb.	Cu-Nb.	A-St:St-Cu: Cu-Nb.	1	1	1	1	1	10	…	…	…	…	…	✱^{0}	b *a* & *p* : b to o ✱, p △ *n* : ⊠ 9·0 cm.
20	St.	A-St : Nb.	A-St : St-Cuf.	10	10	10	10	9	10	…	…	△^{0}	…	…	…	o ✱^{0} △^{0} q *a* : o q *p* : o p △^{0} q, p ✱ *n* : ⊠ 3·0 cm.
21	Nb-Cuf.	A-St:St-Cu: Cu-Nb.	Cu-Nb.	10	8	10	10	10	10	p✱	…	p✱	…	p△	…	c & o q p ✱, ✱△ *a* & *p* : o p △^{0}, p✱ [*n* : ⊠ 2·0 cm.
22	Ci : St-Cu.	Ci to Ci-St : Cu.	Ci-St to A-St.	1	2	3	4	2	1	…	…	⊕	…	…	…	p✱ early, b *a* : bc *p*:b *n*: ⊠4·0 cm. ⊕ 13^h
23	A-St.	A-St : Cu-Nb.	False Ci to A-St.	1	1	7	4	2	4	…	…	…	…	…	…	b to c *a* : b & bc *p* & *n* : ⊠ 3·0 cm.
24	Cu-Nb.	Ci-Cu : Cu-Nb.	A-Cu:A-St:Cu-Nb.	1	1	6	5	1	—	…	…	…	…	…	…	p ✱ early, bq *a* : bc p ✱^{0} q *p* : bq *n* : ⊠ 3·0 cm. [20^h ⊠ 2·5 cm.
25	St-Cu.	A-St : Cu-Nb	Ci-St to A-S	1	1	5	4	5	4	…	…	…	⊕	Ⓤ	…	b *a* : bc *p* & *n* : ⊕ 15^h *et seq.* Ⓤ 17^h
26	Ci-St : St-Cu.	St-Cu.	A-St: St-Cu.	4	8	2	4	10	10	…	≡	…	≡	…	…	bc, c ≡ *a* : b & bc ≡ *p* : o ≡^{0}, ● *n* : ⊠ 2·0 cm. [⊠ 1·0 cm.
27	St-Cu.	Ci-St : A-Cu:Fr.-Cu.	A-Cu.	1	5	7	4	10	10	…	…	…	…	…	…	b to c *a* : bc & c *p* : o, p ●^{0} late *n* :
28	St-Cu.	Ci : St-Cu.	Ci : Ci-St : St- Cu.	2	9	9	7	2	10	…	…	…	≡	Ⓤ	…	p ●^{0} early, b, o ≡, c p ●^{0} *a* : c ≡ *p* : b to o *n* : Ⓤ 18^h
29	A-St : Fr-St.	A-St : St-Cu.	A-St : St-Cu.	10	10	1		8	7	…	…	…	…	…	…	o to bq *a* : b & cq *p* : c *n* : [Ⓤ 21^h
30	St-Cu : Fr-St.	A-St : Nb.	Nb.	1	4	9	5	10	8	⊔	…	…	…	●	Ⓤ	b ⊔ to c *a* : c & o, ● *p* : ●^{0} to c *n* :
31	Cu : Fr-Nb.	A-Cu : St-Cu.	St-Cu.	3	4	2	1	1	1	…	p ●^{0}	…	…	…	⊔	bc p ●^{0} *a* : b *p* : b ⊔ *n* :
Mean Cloud Am'nt.	7^h	13^h	18^h	5·5	5·7	6·2	5·9	5·6	5·4	7^h	9^h	13^h	15^h	18^h	21^h	
Annual Mean Cloud Am'nt.	Cloud Forms.			6·5	6·3	6·5	6·5	6·2	6·3	Weather.						Remarks.
				Cloud Amount (All Forms).												

FOR OFFICIAL USE

M.O. 299
(Eskdalemuir)

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1925

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valentia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

ESKDALEMUIR

Published by the authority of the
METEOROLOGICAL COMMITTEE

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1927

ESKDALEMUIR OBSERVATORY.

Latitude	55° 19′ N.
Longitude	3° 12′ W.
G.M.T. of Local Mean Noon	12h 13m.

Heights in metres above Sea-Level.

Barometer	237·3
Rain-gauge	242·0
Dines Tube Anemograph	250

Heights in metres above ground.

Thermometer Bulbs	0·9
Sunshine Recorder	1·5
Dines Tube Anemograph	15

INTRODUCTION.

SITE.

Eskdalemuir Observatory, some $3\frac{1}{2}$ miles ($5\frac{1}{2}$ kilometres) north-north-west of Eskdalemuir Parish Church in the county of Dumfries-shire, is situated on a rising shoulder of moorland which is bounded on the east by the road which leads north to Ettrick and Selkirk, on the west by the small Davington Burn, and at the southern extremity by the small hamlet of Davington.

The hillside in the immediate vicinity of the Observatory slopes generally from the north-west to south-east. The mean height above sea level of the Observatory site is about 800 feet (244 metres). Cassock Hill, slightly more than a mile distant to the north-west, is 1,205 feet (367 metres), while the bench mark at Davington School, $\frac{1}{4}$ mile (0·4 km.) to south-east, is 699 feet (213 metres) above M.S.L. To the east the ground slopes fairly rapidly to the valley bottom, the level of the Ettrick road at a point about $\frac{1}{4}$ mile (0·4 km.) east of the Underground Magnet House being 682 feet (208 metres). The River White Esk is rather less than $\frac{1}{2}$ mile (0·8 km.) to the east. Immediately beyond the river, and almost due east of the Observatory, Dumfedling Hill rises to a height of nearly 1,200 feet (366 metres) above M.S.L. Some 4 or 5 miles (8 km.) to the north is a high ridge, following approximately the boundary between Dumfries-shire and Selkirkshire, the highest point of which is Ettrick Pen (north-north-west) 2,200 feet (670 metres) above M.S.L. Rather more than half a mile (0·8 km.) to the west, and beyond Davington Burn, the ground rises to 1,040 feet (317 m.), and reaches nearly 1,200 feet (366 m.) half a mile (0·8 km.) further on. To the south and south-south-east the Observatory commands a view of the White Esk Valley as far as Hartmanor, 4 miles ($6\frac{1}{2}$ km.) distant, and beyond that the upper slope of Cauldkine Hill, about 10 miles (16 km.) distant, is visible. The surrounding country is bare and wild and there are but few trees to relieve the monotony of the grass-covered hills and moorland.

Within the Observatory grounds the soil is peaty and in many places is more or less boggy at all seasons. Some two feet, or less, below the surface a clay-like substance containing soft rock is encountered. The local geological formation is described as " rock of the Tarannon Llandovery series traversed by igneous dykes."

The selection, in the early years of the century, of this isolated site for the Observatory was dictated by the desire to reduce to a minimum the possibility of artificial magnetic disturbance due to electric traction and power circuits, and in this connection it may be noted that there is no town, industrial centre, or point of railway within a radius of 9 miles (14½ km.) from the Observatory.

Photographs, site plan, and a brief description of the Observatory will be found in the Introduction to *The Observatories' Year Book*, 1923.

METEOROLOGY.

The elements dealt with in the following tables are :—Atmospheric pressure, air temperature, humidity, rainfall, sunshine, solar radiation, wind speed and direction, and minimum temperature on the grass. There is also a diary of cloud and weather.

Notes on Instruments.

Brief descriptions of the recording instruments and of the methods of tabulating the records, with notes on the information contained in the Tables, are given in the General Introduction to the Tables. The following particulars, which refer specially to Eskdalemuir, are to be regarded as amplifying the information contained therein. References to full accounts of other instruments used at Eskdalemuir appear below.

Pressure.—The standard mercury barometer, Kew pattern, is situated in a north window embrasure on the ground floor of the main building.

The photographic mercurial barograph is situated in the east room of the Underground Magnet House. The daily range of temperature to which the instrument is subject is normally less than 0·05°C, the annual range being about 4C°. The scale value of the records is 1 millimetre on the paper = 0·85 millibar, and the time scale is 9·1 millimetres on the paper = 1 hour.

As in former years, records of pressure were also obtained from (*a*) a Dines float barograph*, of which a description will be found in the Introduction for 1923, and (*b*) a Richard barograph, pen recording, the records of which are changed weekly.

Temperature.—The photographic thermograph and the standard mercurial thermometers, dry bulb and wet bulb, are situated in a wooden hut, provided with louvred sides and double roof, which is some 200 feet (60 m.) north-north-east of the main building. The installation is similar to that described on p. 10 except that a special enclosure is provided inside the hut to accommodate the optical and photographic arrangements.

The scale values of the thermograph records are 1° absolute = 2·79 millimetres and 2·44 millimetres on the paper for the dry and wet bulb records respectively, while the time scale is 1 hour = 9·20 millimetres.

As auxiliary recorders of temperature there are, in the same louvred hut :—

(*a*) A psychrograph, pen recording, which is in effect a bimetallic spiral thermograph with two spirals, one of which is kept dry and the other wet. The records are of 24 hours' duration.

(*b*) A bimetallic spiral thermograph, of which the record is changed every week. It is described in the *Meteorological Observer's Handbook.*

Humidity.—In addition to the dry and wet bulb thermograph described above there is a Richard hair hygrograph which is situated in a Stevenson screen about midway between the louvred hut and the main building.

As is stated on p. 14, the records from this instrument are utilised when the wet bulb reading does not exceed 273a. On the records obtained in 1925 a change of

* In December, 1924, this instrument was removed from the Underground Magnet House, overhauled, and installed against the north wall of the laboratory on the ground floor of the main building.

10 per cent. in relative humidity is represented by about 0·8 centimetre, the time scale being 1 hour = 3 millimetres.

Rainfall.—The recording instrument is a Beckley self-registering rain-gauge, which is described on p. 10. The time scale of the record is 1 hour = 9·24 millimetres on the paper and the rain scale has a magnification of 3·35. The instrument has been in use at Eskdalemuir since 1908 and was originally installed at Fort William in July, 1890.

The conical part of the gauge funnel is surrounded by a cylindrical copper casing lined with asbestos on the inner side and of diameter equal to that of the funnel, viz. 11·27 inches (28·6 cm.). Within the enclosure so formed is a gas jet, and a flame of suitable dimensions is maintained, as circumstances dictate, to melt snow which may be collected.

The gauge is surrounded by a circular turf wall or dyke, the top of which is on a level with the rim of the gauge ; the external and internal diameters of the dyke being 11·5 feet (3·5 m.) and 7 feet (2 m.) respectively.

A standard 8 inch (20·3 cm.) rain-gauge is situated some 24·5 feet (7·5 m.) to the east of the Beckley gauge and is surrounded by a turf dyke of similar dimensions. Readings of amounts of rain received in the 8 inch gauge are made at 7h and 18h G.M.T. It is customary to adjust the indications of the recording gauge to agree with the readings of the standard check gauge.

Sunshine.—The record of sunshine is obtained from a Campbell-Stokes recorder described on p. 11.

The recorder is fixed on a stone pillar and has a reasonably free exposure, the chief obstacles being hills to east and west. The elevation of hills between 70° and 110° east of south varies from 2·5° to 5°, while between 50° and 135° west of south the high ground varies in elevation from 3° to 4·4°, being generally about 3·5°. As sunshine can be recorded when the sun is 3° above the horizon only in the most favourable circumstances, it appears that the loss of record occasioned by the neighbouring high ground is of relatively small extent and is confined mainly to a possible defect of record at the beginning of the day during a few weeks centred about the equinoxes.

Solar Radiation.—Measurements of the intensity of radiation received from the sun by a surface which is normal to the line drawn fron the instrument to the sun are effected by means of an Ångström compensating pyrheliometer.* The intensity of radiation is expressed in milliwatts per square centimetre (1mw. per sq. cm. = 0·01435 gramme calorie per sq. cm. per minute). In addition, the value is given of the function (p/p_0) sec Z, in which p is the barometric pressure at the observatory in millibars at the time of the observation, p_0 is 1000 millibars, and Z is the zenith distance of the sun. This affords a measure of the mass of atmosphere which the solar radiation has had to penetrate before reaching the earth. Entries in the column headed " Sky " are intended to show the presence or absence of haze, mist or cloud in the direct path of the solar radiation recorded.

Wind.—A Dines tube anemograph, furnished with direction recorder, is situated in the Main Building. The vane-head is 15 metres above a tangent plane to the slope of the hillside and approximately 7 metres above the general level of the roof of the building. A description of the speed recorder will be found on p. 12.

The records of speed and direction are obtained on the same chart. The recorder in use until 22nd June, 1925, was provided with a Munro-Rooker single-pen direction recorder. In this arrangement the lower end of a long vertical rod, rigidly attached at

* For description see *The Observer's Handbook*, 1921, Ed., Meteorological Office, London ; *Astrophysical Journal*, Vol. IX, 1899 ; *Actes de la société royale des Sciences d'Upsal*, 1893 ; also *Geophysical Memoirs*, No. 21 (1923), Meteorological Office, London.

its upper end to the freely moving vane, is connected to the vertical axle of a short solid brass cylinder which consequently rotates with the vane. In the curved surface of the cylinder is cut a helical channel in which runs a short roller projecting from the side of a pivoted pen arm. The helix forms a nearly complete turn, and the upper and lower ends are connected by a steep cam. As the recording pen reaches the upper North line on the chart it is rapidly forced by the connecting cam to the bottom North line, or conversely if the wind direction is changing from east of north to west of north. For some years prior to the introduction, in June, 1922, of the Munro-Rooker recorder a Dines twin-pen recorder was in use. On 22nd June, 1925, the Munro-Rooker single-pen direction recorder was replaced by a twin-lever recorder. In this instrument a pen is carried by each of the two pivoted arms, upper and lower. A projection from each arm engages with a flange of a dual helical device cut in a short cylinder, of vertical axis, rotating with the vane. At any instant one pen is unconstrained by the helix and records undisturbed along the top or bottom north line of the ruled chart ; while the other, being controlled by the helix, records the direction of the wind. As the latter changes through north the pen hitherto in action is released automatically from control, falls or rises to the bottom or top line of the chart, as the case may be, and the other pen, becoming controlled by the helix, continues the record. On August 6th a new head and vane were introduced and the former thin direction rod was replaced by a " rod " consisting of steel tubing of 1·5 cm. external diameter. The pressure and suction effects produced at the head are now transmitted to the speed recorder by means of " compo " tubing of 1·3 cm. internal diameter. The design of the new vane differs from that of the old in that the greatest dimension of the fin is vertical instead of horizontal. The horizontal cross-section of the fin is of aerofoil shape.

Apart from the surrounding hills, the exposure of the vane-head is tolerably free in all directions save to the west where at a distance of some 130 feet (40m.) is a rather large building, of which the height is somewhat greater than that of the Main Building. With winds from nearly due west the direction records show markedly greater turbulence than with other winds.

Minimum Temperature on the Grass.—The thermometer used for readings of grass minimum temperature is of the spirit type with index ; and when exposed, between 18h and 7h G.M.T., is supported at a height of one or two inches (4 cm.) above close-cropped grass a few metres from the louvred thermometer hut.

IDENTIFICATION NUMBERS OF INSTRUMENTS IN USE IN 1925.

Standard Kew pattern Barometer	M.O.	1320
Standard Dry Bulb Thermometer	M.O.	19123
Standard Wet Bulb Thermometer	M.O.	1695
Hair Hygrograph	M.O.	59
Recording Beckley Raingauge		4
Control Raingauge	M.O.	391
,, ,, glass for	M.O.	1354
Campbell Stokes Sunshine Recorder	M.O.	99
Ångström compensating Pyrheliometer		116
Dines Tube Anemograph	M.O.	1015 1032
Grass Minimum Thermometer	M.O.	13

Notes on Results.

Diurnal Variation of Atmospheric Pressure. The values of the mean diurnal inequalities for the months and the year, 1925, are given in Table 126. Compared with the range of the mean diurnal inequalities for the years 1911–20 the value of the range in 1925 is highest in February, October, and November, and lowest in May. In January, April, June, July and September, the range exceeds the corresponding value in 1924. There is rather prominent development of the forenoon minimum in October and of the forenoon maximum in September and November. In December the forenoon minimum is not well developed, and there seems to be unusually strong development of the tertiary maximum, which appears near 3h in the mean inequality for 1911–20. In 1925 the principal minimum occurs at 4h in April, May, September, October and November, and at one of the hours 14h to 18h in the remaining months. It may be noted that in January, June, July, November and December, the time of the principal minimum agrees closely with the normal (1911–20), whereas in each of the other months the principal minimum occurs near to the time of the secondary minimum of the normal inequality. The principal maximum is at 9h, 10h, or 11h in January, March, September, November and December, and at times varying between 19h and 23h in the other months. Excepting in February, March, September and December, the time of the principal maximum approximates to that shown in the normal inequality.

The results of the harmonic analysis of the monthly and seasonal mean diurnal inequalities for 1925 are given in the accompanying table. For purposes of comparison the corresponding data (†) derived from the mean inequalities for the period 1911–20 are also given. In computing the Fourier co-efficients for the individual months of 1925 the unit employed was ·01 mb ; but for the seasons and the year the inequalities were taken to ·001 mb, and in these cases the values of c_1 etc. are given to three decimal places. Although for 1925, as for recent years, the phase angles are given to the nearest 1°, this course is scarcely justified, at least for the third and fourth components, by the character of the data from which the harmonic coefficients for the months and seasons of a single year are computed. The phase angles α_1 etc. given in the table below refer to Local Mean Time, whereas in the corresponding tables for 1922 and 1923 the phase angles refer to Greenwich Mean Time.

The range in the monthly values of c_1 is considerably less than in each of the years 1922-24. In only four months is c_1 greater than the corresponding value in 1924. The arithmetic mean of the twelve monthly values of c_1 is 0·19, as compared with 0·22, 0·23, 0·26, in 1924, 1923, 1922, respectively. The variability in the monthly values of α_1 is greater than in the three preceding years, the value of the ratio of c_1 for the year to the arithmetic mean of the monthly values of c_1 being very small. The amplitude of the 12-hour term is comparatively high in February, March and November, and low in May and December. In January α_2 is greater than the normal by 21°, and in June less than the normal by 13°, but these are the only months in which the divergence from normal exceeds 10°. As is usual, c_2 is greatest in equinoctial months. The values of α_2 for the seasons and the year are very near to the values for 1911–20. The variation in c_3 and α_3 throughout 1925 bears general resemblance to that shown by the results for 1911–20, c_3 being greatest in winter and least in equinoctial months, and the phase in winter and summer being approximately in opposition. However, the change in phase in this term from March to April is less marked than in some years. The best agreement with the normal values is shown by the values of c_3 and α_3 for winter and summer. For the year and seasons the values of c_4 are less than in 1924 and also less than the normal values, but the variation from season to season in both amplitude and phase is close to the normal. The maximum divergence of phase from the normal is in July, in which month α_4 is less than the normal by 52°.

(†) "On the Diurnal Variation of Atmospheric Pressure at Eskdalemuir and Castle O'er, Dumfriesshire," by A. Crichton Mitchell, D.Sc., *Quarterly Journal of the Royal Meteorological Society*, Vol. L., No. 210, April, 1924.

Harmonic Coefficients of the Diurnal Inequality of Atmospheric Pressure—Eskdalemuir, Longitude 3° 12′ W.

Values of c_n, α_n in the series $\Sigma c_n \sin (15nt^0 + \alpha_n)$, t being Local Mean Time reckoned in hours from midnight.

Month and Season.	c_1		α_1		c_2		α_2		c_3		α_3		c_4		α_4	
	1925.	1911–20.	1925.	1911–20.	1925.	1911–20.	1925.	1911–20.	1925.	1911–20.	1925.	1911–20.	1925.	1911–20.	1925.	1911–20.
	mb.	mb.	°	°	mb.	mb.	°	°	mb.	mb.	°	°	mb.	mb.	°	°
Jan. ...	·22	·094	14	346·4	·22	·235	173	151·6	·11	·125	2	345·3	·04	·046	237	213·9
Feb. ...	·23	·118	94	215·1	·34	·273	133	138·1	·08	·083	337	341·2	·06	·042	37	67·7
Mar. ...	·10	·128	2	185·3	·36	·304	138	145·3	·03	·053	334	335·0	·04	·051	67	24·5
Apr. ...	·16	·205	200	92·3	·33	·299	158	154·8	·03	·022	241	156·3	·06	·045	343	355·7
May ...	·14	·225	201	52·7	·20	·270	144	147·4	·06	·075	154	160·1	·01	·035	322	330·1
June ...	·20	·152	39	53·9	·22	·234	133	146·1	·09	·084	179	160·6	·02	·018	355	325·7
July ...	·15	·171	76	69·4	·25	·211	146	141·2	·08	·077	174	155·8	·02	·023	248	300·0
Aug. ...	·17	·114	72	114·6	·20	·239	146	147·7	·07	·057	161	157·2	·06	·047	321	330·8
Sept. ...	·19	·121	283	87·7	·29	·313	153	151·6	·01	·012	56	110·7	·04	·050	335	344·7
Oct. ...	·29	·110	181	76·0	·30	·315	165	159·5	·10	·060	355	8·2	·04	·041	56	32·9
Nov. ...	·13	·125	263	183·5	·29	·242	162	168·1	·12	·101	10	9·2	·03	·015	139	146·2
Dec. ...	·27	·137	13	97·1	·12	·213	148	146·9	·16	·124	350	4·2	·05	·067	189	212·8
Arithmetic mean	·19	·142	...	...	·26	·262	...	...	·08	·073	...	...	·04	·040	...	...
Year ...	·036	·085	51	90·8	·254	·260	150	150·1	·024	·020	358	41·7	·012	·016	343	341·9
Winter ...	·123	·038	23	165·4	·232	·236	154	150·9	·115	·106	355	355·5	·016	·023	180	189·1
Equinox ...	·095	·108	219	103·9	·316	·306	153	152·8	·033	·021	343	4·4	·035	·044	18	8·9
Summer ...	·097	·153	79	67·2	·217	·238	143	145·8	·073	·074	167	158·5	·028	·030	309	324·3

Note.—*Winter* comprises the four months January, February, November, December.
Equinox the months March, April, September, October.
Summer the months May to August.

ATMOSPHERIC ELECTRICITY.

Notes on the Instruments.

Autographic records of atmospheric electrical potential gradient were obtained by means of an electrograph of the Kelvin water-dropper type, the potential at the water-jet being registered by a Dolezalek quadrant electrometer. In all essential details the electrograph arrangements, the method of making scale and insulation tests and the method of reducing the autographic curve readings to potential gradient in the open were as described in the *Observatories' Year Book*, 1922, pp. 75–76.

The scale value of the photographic record obtained by means of the Dolezalek electrometer remained at about 6·1 volts per millimetre during the first four months of 1925. On May 1st the number of Weston normal cells across the quadrants of the electrometer was doubled, and for the rest of the year the scale value of the record was about 3·1 volts per millimetre. The number of determinations of the reduction factor varied from four in December to fourteen in June, each determination being based on about fifteen or more readings (at intervals of one minute) of the potential at one metre above the ground in the open. The values of the monthly reduction factors finally adopted for 1925 were obtained by a smoothing process, the adopted value for a given month being $\frac{a+2b+c}{4}$, where a, b, c, are the unsmoothed monthly mean factors for the three successive months centred in the given month. The final values, which are given in Table 210, range from 6·26 in May to 6·35 in October.

The Wulf quartz-thread electrometer used in scale value and reduction factor determinations was calibrated in March and April, 1925, using the Kelvin multicellular voltmeter as standard. This calibration was used throughout 1925. Late in the year, and subsequently, further calibrations of the Wulf electrometer were made, employing a potentiometer and standard cell, and were in close agreement with the earlier calibration over the range of voltages usual in scale value and reduction factor determinations.

IDENTIFICATION NUMBERS OF INSTRUMENTS USED IN 1925.

Wulf bifilar electrometer	3040
Kelvin Multicellular voltmeter	3180

Notes on the Tables and Results.

Table 210 contains the values of electrical potential gradient at 3h, 9h, 15h and 21h G.M.T. daily, the value for a given hour representing the mean for the period of 60 minutes centring at that hour. The reduction factors used in converting the potential at the water jet to potential gradient, in volts per metre, in the open are also given.

As far as possible an electrical character figure is assigned to each day and values of potential gradient are assigned for 3h, 9h, 15h and 21h G.M.T. on all days, while values for all hours are assigned on days classified as 0*a*, 1*a* or 2*a*. The character figures are given in Table 213, the significance of these symbols being as follows :—

0, denotes a day during which from midnight to midnight no negative potential was recorded.

1, denotes one or more excursions of limited duration to the negative side of the scale during the same period.

2, denotes negative potential extending in the aggregate over three hours or more during the same period.

a, denotes that within the 25 periods of 60 minutes for which an estimate of the mean potential gradient has to be made in the process of tabulation there was in no case a range of potential gradient in the open exceeding 1,000 volts.

b, denotes that, during the same period, a range of 1,000 volts or more was reached in one hour at least but in fewer than six hours.

c, denotes that, during the same period, a range of 1,000 volts or more was reached in at least six hours.

In Table 211 are given, for 0*a* days, (1) the mean diurnal inequalities for the months, seasons and year, (2) particulars of the number of days and of the non-cyclic changes and (3) the corresponding mean values of potential gradient. The inequalities or the mean values for the year and seasons are the means of the inequalities or means, respectively, for the appropriate months.

It should be noted that, in these tables, *Winter* denotes the four months January, February, November, December ; *Equinox* the four months March, April, September, October ; and *Summer* the four months May to August.

Corresponding data for 1*a* and 2*a* days combined appear in Table 212.

Contrary to the practice followed in some earlier years* the mean values of potential gradient given in Table 210 are of two kinds, viz., (*a*) the means of all the positive values of potential in the column and (*b*) the algebraic mean derived from all days on which all four hours were represented. The mean values for the month, as derived from the (*a*) and (*b*) values respectively, are shown in the last line, and the means for the year are given at the foot of the December table. It is to be expected that the mean derived from the values at 3h, 9h, 15h and 21h, on a sufficiently large number

* *i.e.* prior to 1923.

of days will approximate closely to the mean value derived from all hourly values of all the days.

In nine months the (*a*) mean exceeds the (*b*) mean, while in every month the (*a*) mean is exceeded by the mean on 0*a* days. The general tendency is for the 1925 values to exceed those for 1924, this being true of the (*a*) mean and the mean for 0*a* days in ten months and of the (*b*) mean in nine months. Annual mean values for recent years, derived by giving equal weight to the twelve monthly means, of the (*a*) and the (*b*) means and of the means for 0*a* days are as follows :—

	0*a* v/m.	(*a*) v/m.	(*b*) v/m.
1922	257	225	182
1923	278	235	159
1924	236	214	157
1925	284	243	209

Each of the values for 1925 is greater than the corresponding values in the three preceding years. In nine months of 1925 the mean value for 0*a* days is greater than the corresponding mean for 1913–23, and the annual mean exceeds the eleven-year mean by about 9 per cent. The mean potential for the eleven 0*a* days in November is unusually high. On only one of these days—and this was the day of lowest mean potential—was the mean wind speed greater than 3 metres per second. Fog which occurred on two of these days was accompanied by high values of potential.

The following were the more noteworthy occasions when for several hours the potential remained continuously negative, excepting for a few small excursions to the positive side on one of the occasions :—

(i) January 29d 5h 10m to 29d 12h 10m, during a few hours of which the potential was less than −1,300 v/m.

(ii) February 16d 21h 40m to 17d 4h 40m. Seven hours of negative potential during continuous rain.

(iii) April 5d 23h 10m to 6d 5h 20m, during part of which the potential was below −3,000 v/m.

(iv) April 17d 19h 50m to 18d 21h 0m. Over 25 hours continuous negative potential during continuous rain. For several hours the potential was less than −2,800 v/m, while individual movements showed a potential of less than −3,800 v/m.

(v) April 22d 10h 0m to 22d 22h 10m, during continuous rain, heavy at times. For three or four hours the potential was very considerably less than −1,000 v m.

(vi) From May 27d 2h 0m to 27d 5h 20m, potential was mainly negative, with two short intervals of small positive potential ; then from 27d 5h 20m to 27d 11h 50m the potential was continuously negative, being less than −1,000 v/m for a time.

The mean diurnal inequalities on 0*a* days for the year and the seasons exhibit tolerably close likeness to the normals for the years 1913–23. The principal maximum in the evening and a much smaller secondary maximum in the forenoon are to be seen in all seasons. In the mean inequality for Equinox the forenoon maximum is rather more prominent than usual, and this is apparently due to the enhancement of this feature in the inequalities for September and October. In January, November and December the chief minimum occurs in the early forenoon. The effect of the high range of the inequality in November and December is seen in the comparatively large range of the inequality for winter. The principal minimum in three of the summer and in three of the equinoctial months falls between 12h and 16h, G.M.T. In August the principal maximum is at 6h and 7h, G.M.T. This somewhat unusual development of the forenoon maximum is largely due to the high values of potential in the early forenoon hours on the 18th and 19th.

TERRESTRIAL MAGNETISM.

Notes on the Instruments.*

The magnetographs in use are situated in the east chamber of the Underground Magnet House and are arranged so as to record changes of the three geographical components of terrestrial magnetic force, viz., the north component, N (or + X), west component, W (or — Y), and the vertically downward component, V (or + Z).

The diurnal range of temperature in the east chamber of the magnet house is normally negligible. Temperature is ascertained daily at 9h 30m by the thermometers within the instrument cases. The daily values appear in Tables 217, 221, etc.; the monthly means of the readings so obtained during 1925, together with the mean values for the years 1911–24, were as follow :—

EXCESS OF MEAN TEMPERATURE ABOVE 280a.

Month.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Mean 1925	5·3	4·4	3·5	3·1	3·3	4·1	5·0	5·8	6·2	6·0	5·6	4·3
Mean 1911–24	3·5	3·0	2·6	2·4	2·7	3·6	4·6	5·7	6·4	6·3	5·6	4·6

The annual range of temperature during 1925 was 3·3° C., the mean range for the previous twelve years being 4·3° C.

The north and west component instruments are of the bifilar type, by Adie. In each of these instruments the torsion of a bifilar suspension, of fine tungsten-steel wire, is utilised to bring the magnet into an azimuth approximately perpendicular to the direction of the component of which the changes are recorded. On December 31, 1924, the azimuth of the magnet of the west component instrument was adjusted to be very approximately north-south. The operations resulted in the scale value being increased by about one-quarter of its former value, but it was decided not to return to the former sensitiveness. Slight adjustments for azimuth and scale value of the north component instrument were made on January 8, 1925, and the orientation of the fixed mirror of this instrument was altered slightly. The instrument for the vertical component is a multiple magnet balance designed by the late Professor W. Watson, F.R.S. This instrument is very sensitive to mechanical disturbance. During several months of 1925 modification of the ventilation system and reconditioning of certain parts of the Magnet House were in progress and disturbance arising out of this work produced displacement of the magnet system on April 17, October 5 and 7, December 11. On October 28 renewal of the reagent in the drier attached to the instrument resulted in a considerable drift which continued for some days. On October 31 the small control magnet attached to the side of the pier on which the instrument is supported was raised in order to secure a more convenient position of the trace on the photographic paper.

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* For more detailed accounts of the magnetographs, absolute instruments, and normal methods of procedure, see *The Observatories' Year Book*, 1922, pp. 77 *et seq.*

The constants of the magnetographs were as follow :—

	North.	West.	Vertical.
Time Scale .. .. 1 hour =	15·5 mm.	15·5 mm.	15·5 mm.
Time marks	Every two hours, beginning at exact hour.		
Error of time mark	Not more than ± 1 min.		
Period of vibration, seconds	13·9	9·9	7·4
Logarithmic decrement*	·365	·569	—
Angular equivalent of 1 mm. on paper, radians ..	·00032	·00032	·0003
Twist of bifilar suspension	60°	30°	—
Ratio $\frac{\text{length of bifilar suspension}}{\text{mean breadth of suspension}}$	66	100	—
Temperature coefficient, per 1° C.	$-9\ \gamma$	$-2\ \gamma$	$+26\ \gamma$
Direction of marked pole	West.	North.	—
Azimuth of magnet	270°	0°	346°

* Log. decr. $= \text{Log}_e a_n - \log_e a_{n+1}$; where a_n, a_{n+1} are the amplitudes of two successive swings on the same side of the zero position.

The scale values of the magnetographs were determined at intervals of two weeks. In the following table are given the scale values, obtained by overlapping means, which were employed in reducing the curve readings.

SCALE VALUES OF THE MAGNETOGRAPHS (γ per mm. on the paper).

Month.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
North Instrument ..	{4·85 {4·96*	4·96	4·96	4·95	4·95	4·97	4·98	4·99	4·99	4·98	4·98	4·98
West Instrument ..	6·61	6·61	6·61	6·63	6·63	6·63	6·63	6·63	6·63	6·62	6·62	6·62
Vertical Instrument ..	4·12	4·13	4·13	4·14	4·17	4·18	4·20	4·22	4·24	—	4·82	—

* From January 8d 11h.

The more frequent determinations which were made after the mechanical disturbances early in October show that the scale value of the vertical instrument was increased as a result of the first disturbance but that a somewhat irregular decrease ensued. The scale values adopted for the vertical instrument for October and December are : October, 1d to 5d 9h, 4·25 ; 5d 11h to 15d 11h, 4·97 ; 15d 12h to 19d 14h, 4·85 ; 19d 15h to 29d 14h, 4·68 ; 29d 15h to 31d, 4·78. December, 1d to 10d, 4·70 ; 11d to 20d, 4·55 ; 21d to 31d, 4·47.

Absolute observations of horizontal force, declination, and inclination were taken, usually twice weekly, in the east magnetic hut. Declination and horizontal intensity were determined by means of the Kew pattern unifilar magnetometer, placed on Pier No. 5, and determinations of inclination (dip) were made with the Schulze Inductor, placed on Pier No. 6. In the deflection experiment of the horizontal intensity determination observations were made for three distances of the collimator magnet, viz. 25, 30, 35 cm.

As in 1924, the procedure in respect of the P and Q correction, $\log_{10}(1+P/25^2+Q/25^4)$, which is used in the reduction of the horizontal intensity observations, differed from that which had been followed from the latter part of 1913 until 1923. Throughout the period named the value of the correction adopted for a given month was the mean derived from the observations obtained during the seven months including the given month as fourth of the seven. The monthly values so derived show considerable fluctuations, and it is improbable that P and Q actually varied to the extent implied. It was decided to use throughout 1925 a value based on the observations during the years 1917–25. From the values of m/H for the three deflection distances, during each of these years, a mean value of $\log_{10}(1+P/25^2+Q/25^4)$ was computed and the mean of the nine values so obtained was used in reducing the 1925 observations. The values of P, Q, and $\log_{10}(1+P/25^2+Q/25^4)$ are as follows :—

Year.		P.		Q.		$\log_{10}(1+P/25^2+Q/25^4)$.
1917	....	+6·862	....	+418·9	....	·00520
1918	....	+7·604	....	+ 68·6	....	·00533
1919	....	+9·126	....	−603·5	....	·00563
1920	....	+8·224	....	−216·6	....	·00544
1921	....	+7·978	....	+ 25·3	....	·00554
1922	....	+6·607	....	+513·1	....	·00513
1923	....	+6·371	....	+614·3	....	·00508
1924	....	+7·899	....	−128·6	....	·00531
1925	....	+8·214	....	−261·7	....	·00538

The mean value of $\log_{10}(1 + P/25^2 + Q/25^4)$ for 1917–24 is ·00533; for 1917–25, is ·00534. A variation of ·00020 in the value of the logarithm corresponds with a variation of about 4 γ in the derived value of H.

The base line values of the magnetograph records are deduced from the results of the absolute observations, any of the latter obtained during times of considerable disturbance being excluded. The base line values finally adopted are obtained from a curve drawn smoothly through points given by the deduced values.

The results of the absolute determinations of D, I and H are summarised in the subjoined table, and the values of *m*, the moment of collimator magnet 60a, are also given. For each set of absolute observations are shown the deduced base line values of N, W, and V and, in brackets, the adopted base line values. Thus, the entry 15823 (18) signifies :—deduced base line value 15823, adopted base line value 15818. The adopted values were obtained as described in the foregoing, and therefore the base line values corresponding to dates between those given in the table may be obtained by interpolation, excepting for V in October, when there were discontinuities on the 5th, 7th, 15th and 19th, full particulars of which are not given in the table. Nor are given the hourly base line values assigned for the period of large drift resulting from the change of drier after 14h on October 28. The adjustment of the control magnet between 11h and 12h on October 31 increased the V base line value from 44644 γ to 44815 γ.

ABSOLUTE DETERMINATIONS OF D, I AND H, AND BASE LINE VALUES OF N, W, AND V.

Eskdalemuir: **1925:**

Date.	Declination. Mean Time.	Declination. D.	Inclination. Mean Time.	Inclination. I.	Horizontal Force. Mean Time.	Horizontal Force. H.	Horizontal Force. *m*.	Base Line Values (deduced and adopted). North.	West.	Vertical.
	h m	° ′ ″	h m	° ′	h m	γ		15,000 γ +	4,000 γ +	44,000 γ +
Jan. 3	14 13	15 58 12	11 1	69 39·0	12 10	16657	906·1	813 (21)	254 (52)	787 (819)
6	14 31	15 55 48	12 21	69 39·6	11 42	16668	906·5	820 (20)	255 (52)	814 (21)
9	14 31	15 55 52	11 21	69 39·1	12 1	16674	906·9	789 (81)	254 (52)	839 (24)
13	14 43	15 57 50	10 58	69 39·4	11 39	16669	907·0	784 (80)	251 (52)	811 (28)
16	14 19	15 56 57	10 37	69 39·2	11 17	16682	906·1	778 (80)	253 (52)	829 (30)
22	14 35	15 54 38	11 58	69 40·0	11 2	16672	906·5	789 (79)	251 (52)	878 (36)
27	14 43	15 55 42	11 1	69 39·6	11 42	16667	907·4	770 (78)	249 (52)	817 (40)
30	—	—	11 18	69 39·9	—	—	—	—	—	845 (42)
Feb. 3	14 33	15 55 28	11 31	69 39·5	10 45	16674	906·7	784 (76)	252 (52)	858 (46)
6	14 37	15 55 38	11 13	69 40·4	11 53	16664	906·7	776 (75)	250 (52)	879 (49)
10	14 43	15 56 23	11 39	69 40·6	12 17	16667	907·2	782 (74)	253 (52)	870 (52)
12	14 53	15 57 53	11 5	69 39·8	11 45	16662	906·8	775 (73)	252 (52)	869 (54)
17	14 39	15 59 30	11 17	69 39·7	11 58	16649	906·4	759 (72)	251 (52)	829 (58)
20	14 31	15 55 55	11 23	69 40·7	12 1	16657	906·9	769 (71)	254 (52)	876 (60)
24	14 27	15 56 48	12 35	69 39·5	11 45	16676	906·7	771 (69)	256 (52)	866 (62)
27	14 20	15 56 28	11 49	69 40·1	11 1	16658	906·5	764 (68)	252 (52)	858 (63)
Mar. 3	14 21	15 55 43	12 21	69 39·8	11 30	16656	905·6	760 (67)	248 (52)	844 (64)
6	14 5	15 56 35	12 11	69 40·7	11 17	16670	907·0	771 (66)	255 (53)	898 (66)
10	14 33	15 58 17	12 43	69 39·7	11 31	16638	906·7	759 (66)	254 (53)	846 (66)
13	15 2	15 54 44	14 37	69 38·5	12 19	16669	906·6	765 (65)	249 (53)	852 (68)
16	15 32	15 54 25	12 40	69 40·0	11 24	16668	906·5	764 (65)	250 (53)	850 (68)
16	—	—	15 2	69 39·6	—	—	—	—	—	856 (68)
20	14 25	16 0 23	12 39	69 40·1	11 30	16666	906·4	766 (65)	255 (53)	865 (70)
24	14 54	15 56 49	12 47	69 39·3	11 39	16670	906·1	765 (64)	255 (53)	869 (71)
27	14 27	16 0 22	10 46	69 40·1	11 26	16701	907·0	776 (64)	255 (53)	892 (72)
31	14 49	15 56 8	10 55	69 39·5	11 10	16666	906·8	767 (65)	253 (53)	863 (74)
Apr. 3	14 23	16 1 33	11 10	69 41·8	11 53	16684	907·8	786 (65)	255 (53)	937 (876)
7	14 19	15 55 30	11 9	69 39·3	11 51	16666	906·3	765 (65)	255 (53)	823 (78)
10	14 25	15 57 18	11 1	69 41·1	11 43	16670	906·8	773 (65)	250 (53)	879 (80)
14	14 51	15 55 10	14 29	69 38·6	11 52	16671	906·2	759 (65)	251 (53)	872 (82)
17	14 33	15 55 52	11 18	69 40·6	11 58	16656	906·3	763 (64)	252 (52)	885 (85) to 14 h.
18	—	—	—	—	—	—	—	—	—	(90) from 10h
21	14 19	15 56 18	14 0	69 39·4	10 53	16663	906·5	764 (64)	252 (52)	890 (92)
24	14 13	15 53 53	13 53	69 39·2	11 13	16673	906·6	764 (65)	254 (52)	919 (894)
28	13 55	15 54 50	13 35	69 39·3	11 23	16663	906·3	757 (65)	249 (52)	876 (96)
May 1	14 33	15 53 23	14 13	69 39·6	10 47	16666	906·7	764 (65)	252 (52)	898 (98)
5	13 53	15 53 41	13 34	69 40·5	10 55	16653	906·4	766 (66)	251 (52)	899 (99)
8	13 57	15 56 33	13 38	69 39·6	11 18	16672	906·7	768 (67)	248 (52)	922 (00)
12	13 40	15 55 5	10 33	69 40·1	11 9	16662	907·3	780 (68)	253 (52)	905 (00)
19	—	—	10 53	69 39·8	—	—	—	—	—	911 (899)
20	14 27	15 56 6	10 19	69 39·9	10 57	16682	906·7	774 (69)	260 (52)	904 (898)
22	13 35	15 56 8	10 19	69 40·3	10 56	16666	906·4	767 (70)	250 (52)	898 (98)
26	13 29	15 55 57	10 23	69 39·9	11 1	16662	906·7	768 (71)	252 (52)	885 (95)
29	14 9	15 53 15	10 20	69 42·0	10 59	16685	907·4	782 (71)	250 (52)	916 (893)
June 2	14 3	15 55 43	10 33	69 41·1	11 10	16657	906·4	771 (72)	250 (52)	895 (89)
5	13 33	15 55 25	10 24	69 40·8	11 2	16686	906·5	772 (73)	248 (52)	894 (87)
9	13 53	15 55 33	10 25	69 41·6	11 3	16675	906·6	776 (74)	250 (52)	877 (83)
10	11 23	15 50 25	8 43	69 40·1	10 36	16659	906·6	782 (74)	250 (52)	924 (882)
12	13 38	15 52 21	9 49	69 39·6	10 49	16639	905·7	759 (75)	247 (52)	826 (80)
12	—	—	—	—	14 58	16650	906·2	770 (75)	250 (52)	856 (80)
16	13 45	15 55 32	10 33	69 39·6	11 10	16685	906·8	786 (75)	253 (52)	896 (77)
19	14 27	15 55 56	8 50	69 40·7	10 35	16666	907·7	763 (76)	246 (52)	818 (74)
23	13 39	15 58 1	8 43	69 39·0	10 39	16687	907·0	792 (77)	259 (52)	894 (70)
26	13 57	15 53 43	8 41	69 41·6	10 53	16664	906·0	775 (78)	246 (52)	849 (66)
30	14 11	15 52 5	8 33	69 39·3	10 53	16680	906·4	783 (78)	252 (52)	881 (62)

ABSOLUTE DETERMINATIONS—*continued*.

Date.	Declination.		Inclination.		Horizontal Force.			Base Line Values (deduced and adopted).		
	Mean Time.	D.	Mean Time.	I.	Mean Time.	H.	m.	North.	West.	Vertical.
	h m	° ′ ″	h m	° ′	h m	γ		15,000 γ +	4,000 γ +	44,000 γ +
July 3	13 53	15 53 10	8 25	69 40·7	10 39	16671	906·5	781 (79)	250 (52)	850 (58)
7	14 47	15 52 43	8 41	69 40·3	10 48	16700	906·5	781 (79)	255 (52)	865 (54)
10	13 39	15 53 43	8 33	69 38·2	10 36	16666	906·0	774 (80)	248 (52)	820 (51)
14	14 31	15 52 13	8 50	69 39·2	10 35	16665	905·9	776 (80)	251 (52)	830 (46)
17	13 51	15 52 29	8 43	69 40·1	10 49	16661	906·9	770 (81)	246 (52)	824 (44)
21	14 13	15 55 35	8 37	69 39·3	10 43	16693	905·8	774 (82)	250 (52)	815 (40)
24	14 13	15 53 23	8 27	69 39·3	11 5	16651	905·3	773 (82)	247 (52)	801 (37)
28	13 59	15 51 50	8 34	69 39·8	10 36	16658	906·9	791 (83)	254 (52)	865 (34)
31	14 17	15 51 43	8 32	69 39·3	10 58	16669	906·2	779 (83)	251 (52)	820 (32)
Aug. 4	13 31	15 55 33	8 47	69 40·8	10 50	16673	906·5	793 (83)	256 (52)	847 (29)
7	13 37	16 2 40	8 41	69 42·5	10 31	16716	906·9	795 (84)	257 (52)	860 (27)
11	13 49	15 51 12	8 35	69 40·8	10 39	16649	906·1	780 (84)	250 (52)	832 (25)
14	13 29	15 54 15	8 30	69 39·1	10 39	16669	906·0	773 (85)	250 (52)	789 (823)
18	13 31	15 55 30	8 43	69 40·4	10 51	16653	906·0	777 (85)	255 (52)	806 (21)
21	8 49	15 43 3	8 29	69 41·5	10 31	16630	906·3	786 (85)	254 (52)	823 (20)
25	13 21	15 56 3	9 9	69 41·5	10 35	16669	906·7	794 (86)	252 (52)	841 (19)
28	13 17	15 51 25	8 31	69 40·1	10 33	16639	905·8	776 (86)	254 (52)	787 (818)
Sept. 1	14 1	15 51 18	8 39	69 41·1	10 29	16659	905·4	777 (86)	252 (53)	788 (817)
4	13 37	15 53 52	9 11	69 41·5	10 29	16658	906·4	789 (87)	251 (53)	822 (16)
8	14 27	15 49 30	8 59	69 41·9	10 57	16647	906·3	781 (87)	255 (53)	799 (816)
11	13 55	15 51 58	8 39	69 40·3	10 47	16649	906·3	780 (87)	250 (53)	778 (816)
15	14 19	15 53 21	8 49	69 40·5	10 54	16666	906·1	784 (87)	251 (53)	778 (815)
18	13 27	15 52 10	8 49	69 40·8	10 30	16653	906·5	789 (87)	254 (53)	819 (15)
22	13 33	15 53 16	8 57	69 43·2	10 49	16631	906·5	771 (87)	247 (53)	769 (815)
22	—	—	13 56	69 41·0	—	—	—	—	—	775 (815)
25	13 45	15 48 22	8 39	69 41·7	10 43	16637	907·0	791 (87)	253 (53)	819 (15)
29	13 25	15 49 30	8 45	69 40·9	10 41	16633	905·9	778 (87)	252 (53)	798 (815)
Oct. 2	13 12	15 50 13	8 49	69 40·4	10 30	16644	906·3	784 (87)	253 (53)	818 (15)
6	13 37	15 51 23	10 45	69 42·3	11 21	16657	906·3	785 (86)	260 (53)	825 (23) (23) to 9 h.
7	—	—	15 19	69 39·8	—	—	—	—	—	890 (70) from 16 h
9	13 39	15 52 45	10 49	69 40·7	11 25	16649	906·0	778 (86)	252 (54)	854 (64)
13	14 11	15 49 42	10 57	69 43·5	11 32	16638	906·3	781 (86)	253 (54)	871 (56)
16	14 35	15 50 54	10 38	69 41·9	11 15	16648	906·6	784 (86)	253 (54)	857 (45)
16	—	—	15 22	69 40·5	—	—	—	—	—	854 (45)
20	14 55	15 52 23	14 33	69 40·4	10 54	16646	906·2	784 (86)	252 (54)	856 (40)
23	14 15	15 52 13	10 53	69 41·6	11 31	16662	906·8	794 (86)	256 (54)	876 (39)
27	14 47	15 51 25	10 42	69 41·3	11 20	16676	907·0	793 (85)	259 (54)	868 (38)
30	14 35	15 48 2	10 40	69 41·5	11 17	16670	906·3	796 (85)	255 (54)	691 (62)
Nov. 3	14 35	15 47 39	10 41	69 41·1	11 25	16660	907·1	788 (84)	256 (55)	801 (794)
5	14 21	15 47 1	11 6	69 40·8	11 45	16672	907·0	797 (84)	259 (55)	808 (789)
10	15 3	15 46 35	10 53	69 41·3	11 31	16635	906·9	785 (83)	256 (55)	780 (79)
13	14 29	15 48 53	10 39	69 41·3	11 19	16648	907·2	789 (82)	256 (54)	792 (73)
17	14 37	15 48 7	10 43	69 42·0	11 21	16637	906·0	765 (81)	253 (54)	719 (70)
20	11 53	15 47 33	10 51	69 40·9	11 28	16668	907·0	791 (80)	258 (53)	801 (775)
24	14 19	15 50 50	11 1	69 40·2	11 36	16694	906·8	778 (78)	261 (52)	793 (83)
27	14 39	15 44 34	10 24	69 40·2	11 0	16641	906·7	772 (77)	246 (51)	781 (89)
Dec. 1	14 39	15 45 20	10 49	69 40·3	11 27	16664	906·4	773 (75)	247 (50)	782 (96)
4	14 42	15 44 40	10 51	69 39·1	11 29	16670	906·7	770 (73)	246 (50)	792 (800)
8	14 25	15 45 53	10 59	69 41·5	11 37	16649	906·7	769 (71)	248 (49)	790 (805)
11	14 15	15 45 8	10 59	69 41·4	11 39	16660	906·9	771 (70)	250 (49)	816 (08) to 13 h.
12	—	—	—	—	—	—	—	—	—	(18) from 10 h.
16	14 37	15 45 15	10 43	69 41·0	11 23	16643	906·5	769 (68)	248 (48)	822 (20)
18	14 17	15 46 40	10 35	69 39·6	11 11	16657	906·4	762 (67)	246 (48)	809 (21)
22	14 31	15 45 15	11 9	69 40·1	11 45	16656	906·7	765 (66)	252 (48)	825 (23)
29	14 17	15 44 45	12 47	69 41·5	11 21	16644	906·1	759 (64)	248 (48)	824 (25)

The hourly readings are obtained from the magnetograms, standardised as described in the foregoing, by means of a ruled glass scale. The reading for any given hour G.M.T. is that ordinate estimated to be the mean reading for 60-minutes centring at the given hour. The product of this ordinate and the scale value is added to the adopted base line value, and the sum so obtained is the hourly value printed in the tables.

IDENTIFICATION NUMBERS OF INSTRUMENTS IN USE IN 1925.

Unifilar Magnetometer, Kew pattern.. .. .. (with collimator magnet, 60a, and mirror magnet, 60c)	Elliott, No. 60
Dip Inductor	Schulze No. 103

Notes on Tables.

The hourly values of N, W, and V, obtained as described above, appear in three of the four monthly tables. The mean value for the day is computed according to the expression

$$x = \{\tfrac{1}{2}(x_0 + x_{24}) + x_1 + x_2 + \dots\dots\dots\dots + x_{23}\}/24.$$

The letters "Q" and "D" denote the five quiet and the five most disturbed days as selected at De Bilt.

In the fourth table for each month are given :—

(*a*) the values and times of the daily maximum and minimum and the values of the absolute daily range for each of the components N, W and V.

(*b*) the value of ΣR^2† for each day. ΣR^2 is written for $R_N^2 + R_W^2 + R_V^2$ where R_N, R_W, R_V denote the absolute ranges for a calendar day of the north, west and vertical components.

(*c*) the "characteristic ratio," ρ, which is the ratio of the value of ΣR^2 for a given day to the mean monthly value of ΣR^2. This ratio is an index of the degree of disturbance or activity on a given day relatively to the other days of the same month.

(*d*) the daily magnetic character figures, assigned according to the international scheme wherein "0," "1," "2," respectively, denote quiet, moderately disturbed and highly disturbed conditions.

(*e*) the daily values of temperature in the underground magnetograph chamber.

† See also p. 110.

Mean diurnal inequalities of the components N, W, V, H, D, and I on "all" days and on international quiet and disturbed days are given, for the months, seasons and year, in Tables 262 to 279. In calculating diurnal inequalities the non-cyclic change has been eliminated on the assumption that its time-rate is linear. Inequality values are first calculated to $0{\cdot}01\,\gamma$ and then rounded off to $0{\cdot}1\,\gamma$. The inequalities of H, D, and I have been computed from those of N, W, and V by means of the formulae :

$$\delta D = \frac{180 \times 60}{\pi}\left(\frac{\delta W \cos D - \delta N \sin D}{H}\right)$$

$$\delta H = \delta N \cos D + \delta W \sin D$$

$$\delta I = \frac{180 \times 60}{\pi} \cos I \left(\frac{\delta V \cos I - \delta H \sin I}{H}\right)$$

in which δD and δI are expressed in minutes of arc, and where H, D, and I for any given month are the respective mean values for that month as published in Table 283. The values of the range of the mean diurnal inequalities of the several elements on the three different types of day are brought together in Table 280, and the values of the non-cyclic change of N, W, and V are given in Table 281.

The results of harmonic analysis of the monthly, seasonal‡ and annual diurnal inequalities of N, W, and V are to be found in Tables 284 and 285, in which are given the values of a_n, b_n, c_n, and α_n, in the two equivalent series $\Sigma\,(a_n \cos 15nt^\circ + b_n \sin 15nt^\circ)$ and $\Sigma\, c_n \sin (15nt^\circ + \alpha_n)$. In the former series t is reckoned in hours from midnight G.M.T., whilst the published values of α_n refer to Local Mean Time. The values of the harmonic coefficients have been computed from the unrounded values of the inequalities and have been corrected, where necessary, on account of the fact that the hourly values are not instantaneous values but are mean values. The factors by which the coefficients have to be multiplied (*vide* Report of the British Association, 1883, p. 98) are $1{\cdot}00286$ for a_1, b_1, c_1 ; $1{\cdot}01152$ for a_2, b_2, c_2 ; $1{\cdot}02617$ for a_3, b_3, c_3 ; and $1{\cdot}04720$ for a_4, b_4, c_4. Finally, the values were rounded off to $0{\cdot}1\,\gamma$.

The mean values of the squares of the absolute daily ranges are summarised in Table 282.

In Table 283 appear for the months and year the mean values of N, W, V, D, I, H and Total Force, T. The means of the four latter elements are derived from the corresponding mean values of N, W and V, which are the means of hourly values on "all" days in the month or year.

Review of Results of Magnetic Observations.

Mean and Extreme Values of the Magnetic Elements, 1925—The mean values are given on opposite page in Table I along with the corresponding values for the previous year. The values of N, W, and V have been computed from the hourly values derived from the autographic records of "all" days, standardised by means of the absolute observations ; those of H, D, I, and T have been deduced from the values of N, W, and V.

‡ The seasons are defined for this purpose as follows :—*Winter,* January, February, November, December ; *Equinox,* March, April, September, October ; *Summer,* May, June, July, August.

TABLE I.

Year.	H.	D. (West).	I.	N.	W.	V.	T.
	γ	° ′	° ′	γ	γ	γ	γ
1924	16673	16 1·2	69 38·7	16025	4601	44938	47931
1925	16665	15 48·4	69 39·3	16035	4539	44943	47933

The decrease in westerly declination exceeds slightly the change from 1923 to 1924, and is the largest change from one year to the next recorded at Eskdalemuir. H continued to decrease, but since 1922 the rate of decrease has been less than during the interval 1912–18. The increase in N continued, and the decrease in W is the largest since records began. The values of I, V, and T are slightly in excess of those of the previous year.

Mean values derived from (*a*) international quiet days and (*b*) international disturbed days are as follow: (*a*) N, 16037 γ; W, 4540 γ; V, 44943 γ; (*b*) N, 16029 γ; W, 4537 γ; V, 44940 γ.

The extreme values of N, W, and V recorded during 1925 are given in Table II.

TABLE II.

Component.	Maximum.		Minimum.		Absolute Annual Range.
	Value.	Date, 1925.	Value.	Date, 1925.	
	γ	d h m	γ	d h m	γ
North	16190	June 24 18 56	15812	June 24 23 51	378
West	4658	Oct. 23 15 50	4353	Oct. 23 22 50	305
Vertical ..	45116	Oct. 21 19 12	44723	June 24 23 52	393

The absolute annual ranges were smaller in 1925 than in 1924. The range in W is the smallest recorded in the period 1914–25.

Magnetic Character of the Year.—As an endeavour to obtain magnetic activity estimates free from the effects of variations in personal judgment, to which the character figures assigned in accordance with the international scheme are subject, it has been the practice in recent years to tabulate for each day two quantities which are in some measure indicative of the degree of magnetic activity. These quantities are (1) ΣR^2,* the sum of the squares of the absolute daily ranges of the three geographical components ; and (2), the mean of the hourly values of Σr^2,† the sum of the squares of the hourly ranges of these components. The magnetic character figure, the value of ΣR^2, and the value of ρ* (the "characteristic ratio") for each day appear in the fourth table under each month in this volume. The daily means of Σr^2 are given in Table III above.

TABLE III.

1925.	Mean Value of Σr^2 (Unit 100 γ^2).											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Day.												
1	0·5	3·6	—	4·2	0·8	9·9	9·9	4·5	69·9	5·4	27·0	1·9
2	0·2	0·5	1·3	4·5	0·6	8·6	5·2	2·1	30·3	1·9	12·8	2·0
3	0·8	0·6	0·9	7·1	1·7	16·9	5·0	15·2	9·8	1·2	2·1	0·8
4	0·3	0·5	2·1	0·7	45·6	4·8	2·3	9·5	5·3	17·3	1·2	1·1
5	2·1	0·7	4·1	4·8	9·7	4·2	4·3	2·8	4·0	6·5	0·7	7·4
6	0·6	1·3	1·3	7·1	2·1	8·5	2·3	4·5	3·8	3·8	1·7	13·9
7	1·2	2·0	0·9	5·3	2·9	2·4	1·7	15·6	13·9	—	1·6	7·2
8	0·4	4·4	0·3	3·4	3·8	—	1·9	25·2	1·4	17·7	8·5	2·1
9	0·4	14·2	9·9	8·2	6·0	2·1	6·4	8·2	4·2	65·8	59·2	2·5
10	0·3	1·8	6·2	17·0	1·4	3·1	7·6	4·7	1·5	15·8	25·4	5·2
11	0·1	1·1	1·8	5·5	0·9	3·1	3·1	1·4	1·2	23·8	13·6	—
12	0·3	2·5	1·5	6·9	0·7	1·8	—	1·1	1·1	39·5	3·4	—
13	1·8	3·2	1·0	1·6	1·1	31·8	—	1·3	1·3	8·8	9·3	2·9
14	—	1·9	0·9	1·3	0·8	4·1	5·6	2·4	62·2	7·5	27·4	1·3
15	—	0·8	10·5	10·5	0·8	3·3	17·5	1·5	48·3	10·7	7·7	4·2
16	8·9	2·8	1·0	3·3	0·5	5·8	1·5	2·2	11·2	7·8	1·4	3·5
17	10·9	3·6	1·7	—	0·7	7·6	0·6	9·7	11·1	2·4	1·4	0·5
18	8·0	1·1	0·6	—	5·2	4·6	1·5	19·4	3·9	0·8	1·5	8·5
19	23·1	3·5	1·7	0·9	5·3	2·2	2·9	6·1	1·6	2·0	1·2	2·3
20	11·3	3·2	3·1	7·9	1·0	1·2	1·3	3·1	2·1	6·1	1·9	3·4
21	3·9	0·3	0·8	2·7	1·4	0·8	12·5	2·8	68·0	62·5	0·5	0·5
22	0·4	—	1·6	1·7	2·1	2·5	9·0	23·4	15·4	28·0	0·7	0·7
23	5·6	—	2·0	1·4	2·2	12·6	5·2	40·1	6·1	85·1	1·6	2·8
24	3·8	4·6	2·8	1·2	2·5	98·7	3·3	4·4	76·1	95·7	4·0	3·9
25	0·3	2·0	1·1	1·0	2·4	39·2	7·0	7·5	4·1	6·4	2·4	1·1
26	0·5	0·3	2·0	2·7	3·1	3·9	23·1	5·2	3·1	3·6	1·3	0·3
27	0·4	0·3	4·4	4·3	5·5	18·0	19·3	1·9	1·8	6·8	0·5	43·4
28	0·5	3·6	0·6	1·8	15·0	22·4	12·4	1·4	1·5	—	0·6	24·0
29	0·7	—	1·8	3·9	2·9	8·9	3·4	3·1	0·8	—	0·5	2·3
30	1·0	—	1·1	1·7	21·5	7·8	1·4	9·7	0·9	—	0·4	2·8
31	0·6	—	0·6	—	14·9	—	1·9	5·4	—	—	—	—
Mean	3·1	2·5	2·3	4·4	5·3	11·8	6·2	7·9	15·5	20·5	7·4	5·4

* See p. 107.

† r_N, r_W, r_V, denoting ranges, for the 60-minutes period centered at the exact hour G.M.T., of N, W, and V, Σr^2 stands for $r_N^2 + r_W^2 + r_V^2$. Table III. contains the value of $\frac{1}{24} \Sigma (\Sigma r^2)$, where—

$$\Sigma (\Sigma r^2) = \tfrac{1}{2} \{ (\Sigma r^2)_0 + (\Sigma r^2)_{24} \} + (\Sigma r^2)_1 + \ldots\ldots + (\Sigma r^2)_{23}$$

The monthly distribution and the mean values of the magnetic character figures, together with the mean values of ΣR^2 and of Σr^2, are shown in Table IV.

TABLE IV.

Month.	Magnetic Character Figures.			Mean Character Figure.	Mean value of $\Sigma R^2/100$.	Mean value of $\Sigma r^2/100$.
	No. of "0" days.	No. of "1" days.	No. of "2" days.			
1925.					γ^2	γ^2
January	20	7	4	0·48	§68	3·1‡
February	12	15	1	0·61	*71	2·5*
March	16	15	0	0·48	§74	2·3§
April	12	18	0	0·60	‡119	4·4†
May	15	13	3	0·61	132	5·3
June	7	18	5	0·93	309	11·8‡
July	13	16	2	0·65	‡157	6·2*
August	9	20	2	0·77	192	7·9
September	11	13	6	0·83	308	15·5
October	8	19	4	0·87	§366	20·5*
November	13	16	1	0·60	160	7·4
December	9	21	1	0·74	113	5·4†
Year, 1925	145	191	29	0·68	172	7·7
Year, 1924	191	153	22	0·54	121	5·4
Year, 1923	235	111	19	0·41	115	5·5
Year, 1922	174	145	46	0·65	205	11·3

* Mean for 26 days. † Mean for 28 days. ‡ Mean for 29 days. § Mean for 30 days.

In nine months the number of days to which the character figure "0" was assigned is less in 1925 than in 1924. For the year the mean character figure and the mean value of ΣR^2 and of Σr^2 exceed the corresponding values for 1924 and 1923. In April, June, and from August to December the 1925 value of each of these three quantities exceeds the 1924 value.

Table V contains the monthly and annual mean values of ΣR^2 and of Σr^2 for "0," "1," and "2" days, and also for the international quiet, Q, and disturbed, D, days. The annual means given in this table are the means of the monthly mean values shown; and therefore in the case of "2" days the annual means are the means of ten monthly means. With the exception of the mean value of Σr^2 for "2" days, the annual means of ΣR^2 and of Σr^2 for all classes of day exceed those for 1924, the excess of the 1925 means being relatively greatest for "1" days; and for Q, "1," and D days the mean values of these quantities are greater than those for 1923. It is in the months from June to December that the excess of the 1925 values of ΣR^2 and of Σr^2 over those for 1924 is most prominent. Regarding, for a given class of day, the excess of the mean value of ΣR^2, or of Σr^2, over the Q day value as a measure of the degree of disturbance, it is seen that on the average the "1" and D days, and less definitely the "0" and "2" days, were more disturbed in 1925 than in 1924. For the "1" and D days, the degree of disturbance, thus estimated, was greater in 1925 than in 1924 in April and in each of the months from July to December. Examining, for each month of 1925, the excess of the mean value of ΣR^2, or of Σr^2, for all days over the mean for Q days, October appears to be the most disturbed month, with September, June, November and August following in the order given. The excess is least in March. Although the mean value of ΣR^2 and of Σr^2 for D days exceed the corresponding values for 1924, the largest daily value of each of these quantities was smaller in 1925 than in 1924. If equal weight be given to individual "2" days the means of $\Sigma R^2/100$ are 834, 855, 914, 704, 1327, 1683, and of $\Sigma r^2/100$ are 42·5, 46·3, 53·4, 41·7, 97·3, 92·5 for 1925, 1924, 1923, 1922, 1921, 1920, respectively.

It may be concluded that relatively to 1923 and 1924 the year 1925, and especially the second half thereof, was characterised by increased average magnetic disturbance. The annual means of the observed sunspot relative numbers, as given by Wolfer, for 1923, 1924, 1925, are 5·8, 16·7, 44·3, respectively.

TABLE V.

Month.	Q days.		"0" days.		"1" days.		"2" days.		D days.	
	$\Sigma R^2/100$	$\Sigma r^2/100$	$\Sigma R^2/100$	$\Sigma r^2/100$	$\Sigma R^2/100$	$\Sigma r^2/100$	$\Sigma R^2/100$	$\Sigma r^2/100$	$\Sigma R^2/100$	$\Sigma r^2/100$
1925.	γ^2	γ^2	γ^2	γ^2	γ^2	γ^2	γ^2	γ^2	γ^2	γ^2
January	11	0·3	14	0·5	72	3·7	313	13·5	276	12·0
February	*16	*0·4	21	0·6	84	2·9	381	14·2	167	5·8
March	34	0·6	46	1·1	105	3·0	—	—	‖166	‖7·0
April	†64	†1·0	74	1·3	146	6·1	—	—	233	10·1
May	50	0·7	65	1·1	138	5·1	435	27·3	373	21·3
June	106	††1·6	105	1·8	175	6·7	1076	42·0	1073	40·9
July	74	‡1·3	90	1·9	186	7·2	292	21·2	294	16·3
August	69	1·3	80	1·8	200	8·3	620	31·7	502	24·7
September ..	60	1·1	58	1·4	170	7·4	1063	59·1	1139	64·9
October	52	§1·3	64	1·9	261	12·0	1388	77·3	1276	69·7
November ..	21	0·6	32	1·0	202	9·4	1150	59·2	613	30·4
December.. ..	21	0·7	26	0·9	110	5·4	955	43·4	382	19·4
Year, 1925 ..	48	0·9	56	1·3	154	6·4	767	38·9	541	26·9
Year, 1924 ..	39	0·7	43	1·1	113	4·7	715	40·3	424	22·2
Year, 1923 ..	32	0·8	42	1·4	129	6·1	776	44·1	408	22·3
Year, 1922 ..	47	1·5	64	2·5	221	12·5	720	43·2	601	36·1

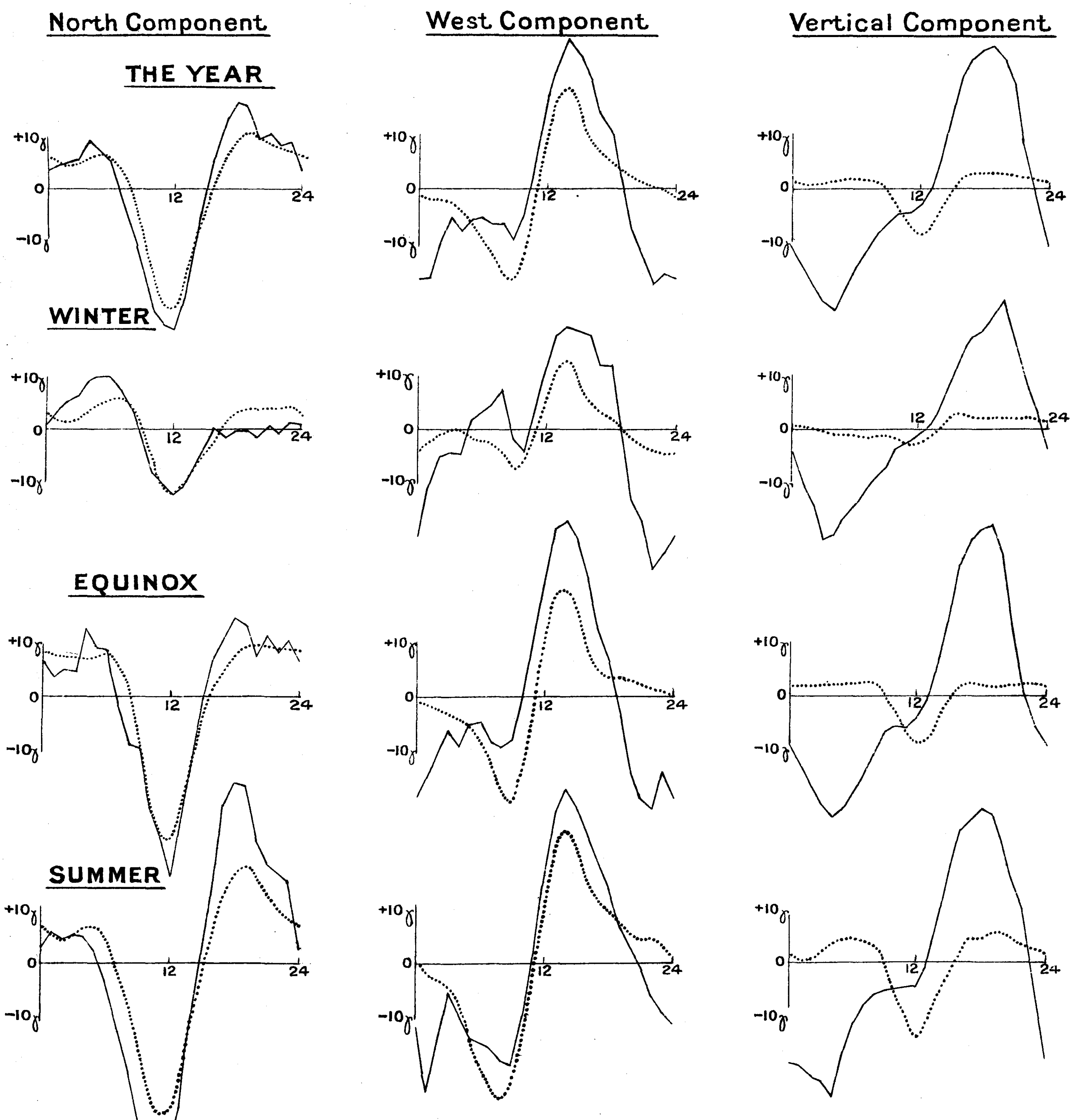
* 26th, 27th substituted for 22nd, 23rd. † 14th substituted for 17th. †† 8th omitted.
‡ 30th substituted for 13th. § 29th, 30th omitted. ‖ 27th substituted for 1st.

Diurnal Inequalities.—The mean diurnal inequalities for "all" days, international quiet and disturbed days, for the months, seasons and the year, are given in Tables 262–279, and the corresponding inequality ranges in Table 280. The inequalities of N, W, and V for international quiet and disturbed days are shown graphically in Plates I and II, the representation in the latter plate being in the from of vector diagrams.

DIURNAL VARIATION IN THE COMPONENTS OF MAGNETIC FORCE ON QUIET AND DISTURBED DAYS. ESKDALEMUIR 1925.

THE YEAR & THE SEASONS.

QUIET DAYS, *dotted lines* .... **DISTURBED DAYS,** *continuous lines.* ___________



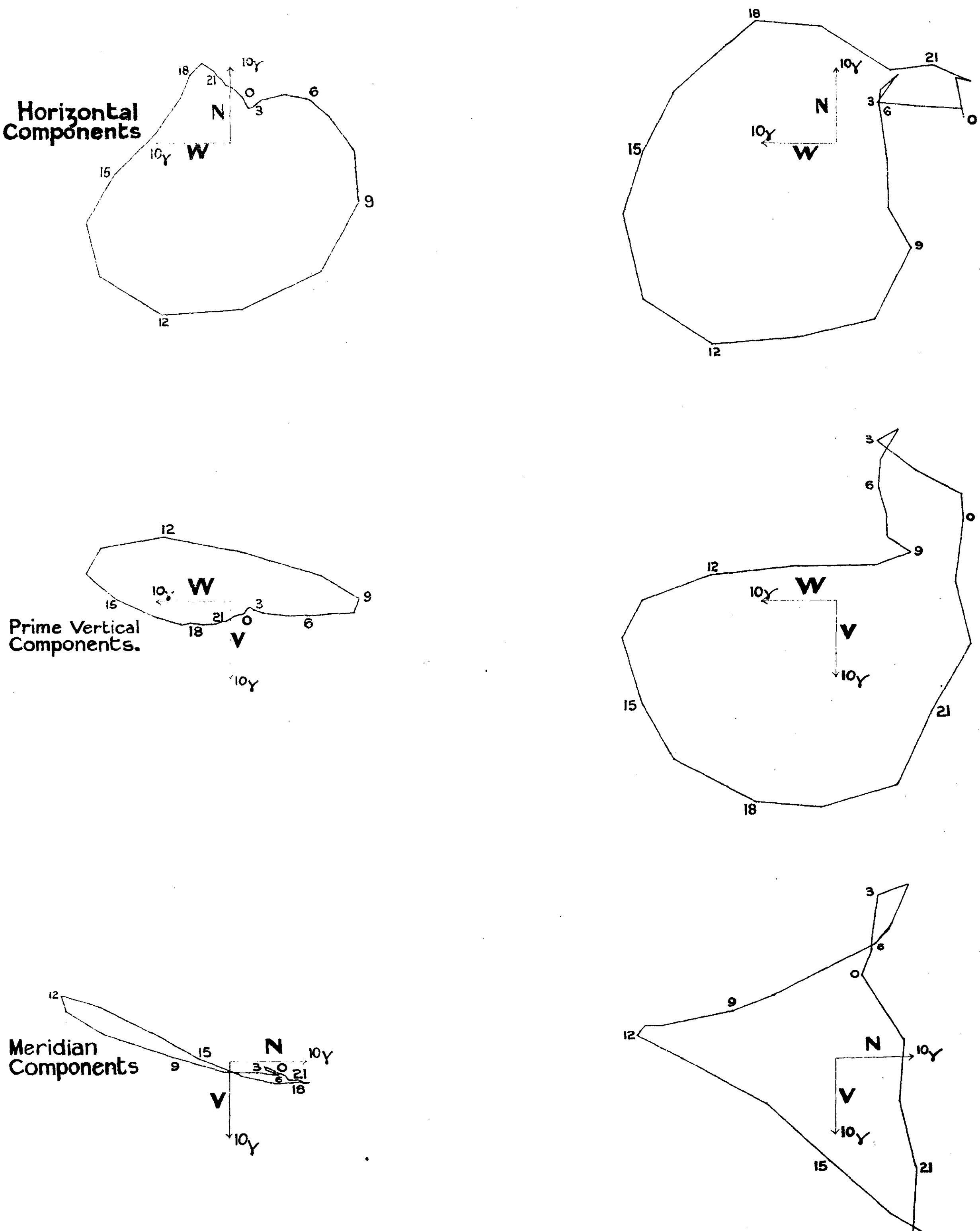
SCALES: FORCE 1 mm. = 1γ; Time 2 mm. = 1 hr.

711. 23501? 15116/1551.325.11.27.
Malby & Sons, Lith.

VECTOR DIAGRAMS ILLUSTRATING DIURNAL VARIATION in MAGNETIC FORCE on QUIET DAYS and DISTURBED DAYS.

ESKDALEMUIR 1925.

Quiet Days. **Disturbed Days.**



SCALE: 0·05 in = 1γ

P.1074A 23501B 15116/1551.325.11.27.

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(1) *Ranges.*

(*a*) All Days.—With the exception of the range of the mean diurnal inequality in V in June, in every month the range of the N, W, and V inequality is greater than the value for 1924. The general tendency is for the range of the mean inequalities for the seasons to be intermediate between the values for 1920 and 1921. For N and W the increase in range from the 1924 value is relatively greatest in winter.

(*b*) Quiet Days.—In eight and nine months for N and W, respectively, and in six months for V, the range exceeds the 1924 value. The ranges for the seasons and the year are intermediate in value between those for 1920 and 1921. As in the case of all days the increase in the range, for N and W, from the 1924 value is relatively greatest in winter.

(*c*) Disturbed Days.—In more than half the months the range shows an increase as compared with the corresponding value for 1924. The range of the mean inequality in V for summer is less than in 1924, but apart from this the ranges for seasons and year are greater than in the previous year. In February and in March the V range is the smallest during the period 1915–25.

(2) *Harmonic Coefficients.*

(*a*) All Days.—For all three components the value of the amplitude of the 24- and of the 12-hour term, in nearly all months, shows an increase from 1924. As has been noted for the values of the range, the seasonal values of c_1 and c_2 for N and W tend to approximate to the 1920 and 1921 values. c_1 for W in January is, with the 1914 value, the lowest during the period 1911–25. For N the values of α_1 and α_2 tend to be greater, while for W they tend to be less, than in 1924. For V the tendency is for α_1 to be greater and for α_2 to be less than in 1924.

(*b*) Quiet Days.—For the seasons and year the values of c_1 are greater than in 1924, with the exception of the value for V in summer. The value of c_2 exceeds the 1924 value in all seasons for N, in winter and for the year for W, and in summer for V. Apart from the values for V in winter and for N in summer the values of α_1 and α_2 are less than in the preceding year.

(*c*) Disturbed Days.—The amplitudes of the two principal terms are less than the corresponding 1924 values only in the cases of c_1 and c_2 for W and V in summer and c_2 for N in winter. Excepting for N in winter and summer the phase of the 24-hour term is accelerated relatively to 1924, but the values of α_2 show a tendency to be less than in 1924.

Daily Range.—The values of mean absolute daily range for the months and seasons of the year, together with the corresponding means for 1914–24 are given in Table VI ; the ranges are also expressed as percentages of the mean absolute daily range for the year

TABLE VI.—ABSOLUTE DAILY RANGE. MEAN MONTHLY VALUES.

Month.	Mean Absolute Daily Range.						Mean Daily Range expressed as Percentage of Yearly Mean.					
	1925.			Mean 1914–24.			1925.			Mean 1914–24.		
	N.	W.	V.	N.	W.	V.	N.	W.	V.	N.	W.	V.
	γ	γ	γ	γ	γ	γ	%	%	%	%	%	%
January ..	39	46	21	60	65	33	53	64	55	73	81	73
February ..	42	57	20	64	70	34	58	79	53	78	87	76
March ..	55	57	21	90	90	53	75	79	55	110	113	118
April	73	67	33	93	85	52	100	93	87	113	106	116
May	70	65	43	98	86	56	96	90	113	120	107	124
June	103	90	59	89	84	42	141	125	155	109	105	93
July	85	76	36	86	82	42	116	106	95	105	103	93
August ..	88	83	43	98	88	54	121	115	113	120	110	120
September ..	98	88	59	94	89	56	134	122	155	115	111	124
October ..	104	103	60	90	88	54	142	143	158	110	110	120
November ..	62	69	36	66	68	36	85	96	95	80	85	80
December ..	58	61	27	59	63	31	79	85	71	72	79	69
Winter ..	50	58	26	62	67	33	68	81	68	76	84	73
Equinox ..	83	79	43	92	88	54	114	110	113	112	110	120
Summer ..	87	79	45	93	85	49	119	110	118	113	106	109
Year	73	72	38	82	80	45	—	—	—	—	—	—

In April and in every month from June to December the mean absolute daily range in N, W, and V, exceeds the 1924 value. The mean values of the range in N and in V in June, September and October, and of the range in W in June, October and November, exceeds the corresponding mean values for the eleven years 1914–24. For each of the three components the annual and seasonal means are definitely in excess of the values for 1924 and 1923, but are less than the 1922 values. In each season the percentage increase of the 1925 value from the mean of the values for 1923 and 1924 is greater for V than for N and W.

The frequency distribution of absolute daily ranges recorded in 1925 is shown in Table VII, which also contains the percentage distribution for the period 1914–1924.

Table VII.—Frequency Distribution of Absolute Daily Range.

Range.	Number of Cases 1925.			Percentage Distribution.					
				N.		W.		V.	
γ	N.	W.	V.	1925.	1914–24.	1925.	1914–24.	1925.	1914–24.
0–9	0	0	38	0·0	0·0	0·0	0·1	10·5	6·1
10–19	5	2	80	1·4	2·3	0·6	1·4	22·1	21·5
20–29	25	26	95	6·9	5·6	7·2	5·0	26·2	25·5
30–39	31	27	55	8·5	7·3	7·5	7·3	15·2	13·4
40–49	44	52	29	12·1	10·2	14·4	11·2	8·0	8·1
50–59	55	49	14	15·1	12·9	13·6	12·9	3·9	4·8
60–69	55	57	10	15·1	13·4	15·8	13·1	2·8	4·2
70–79	41	44	7	11·3	9·6	12·2	12·3	1·9	3·1
80–89	24	35	5	6·6	8·3	9·7	8·1	1·4	2·2
90–99	14	13	3	3·9	6·2	3·6	7·1	0·8	2·0
100–109	16	12	4	4·4	5·3	3·3	4·6	1·1	1·0
110–119	11	9	2	3·0	3·7	2·5	3·2	0·6	1·3
120–129	10	1	2	2·8	3·1	0·3	2·7	0·6	0·8
130–139	9	5	3	2·5	2·4	1·4	2·0	0·8	0·7
140–149	5	6	1	1·4	1·6	1·7	2·3	0·3	0·5
150–159	5	3	2	1·4	1·3	0·8	1·1	0·6	0·6
160–169	2	5	1	0·6	1·1	1·4	0·8	0·3	0·5
170–179	0	3	1	0·0	0·9	0·8	1·0	0·3	0·4
180–189	2	1	3	0·6	0·7	0·3	0·7	0·8	0·4
190–199	2	3	1	0·6	0·4	0·8	0·6	0·3	0·2
200+	7	7	6	1·9	3·7	1·9	2·6	1·7	2·6
Days omitted	2	5	3	—	—	—	—	—	—

Table VIII.—Principal Magnetic Disturbances Recorded at Eskdalemuir, 1925.

Where the beginning of a disturbance has been marked by a "sudden commencement," the serial number is followed by an asterisk (*), and the time entered in the second column is that of the sudden commencement, estimated to the nearest minute. In other cases, the exact hour nearest the time at which disturbance may be regarded as having begun is entered in the second column. To the tabulated values of maximum and minimum the following have to be added :—N, 15000 γ; W, 4000 γ; V, 44000 γ.

No.	From	To.	North Component.					West Component.					Vertical Component.				
			Max.	Time.	Min.	Time.	Range	Max.	Time.	Min.	Time.	Range	Max.	Time.	Min.	Time.	Range.
	d h m	d h	γ	d h m	γ	d h m	γ	γ	d h m	γ	d h m	γ	γ	d h m	γ	d h m	γ
1	Jan. 16 16	Jan. 17 9	1067	17 5 35	993	16 21 46	74	616	17 2 18	483	16 20 8	133	972	16 20 39	880	17 5 39	92
2*	Jan. 18 19 43	Jan. 20 10	1061	18 20 50	952	19 19 7	109	596	20 8 4	429	19 22 2	167	1014	19 19 9	848	20 1 32	166
3	Feb. 8 14	Feb. 10 2	1071	8 23 49	982	9 0 55	89	612	9 6 37	443	8 23 40	169	958	9 20 8	879	9 3 23	79
4	Mar. 15 6	Mar. 15 24	1092	15 21 5	952	15 11 50	140	615	15 14 0	517	15 21 30	98	959	15 14 45	925	15 10 55	34
5	Apr. 9 17	Apr. 10 9	1111	9 21 2	968	10 2 53	143	581	10 1 16	511	10 1 55	70	946	9 18 36	867	10 2 53	79
6	Apr. 19 22	Apr. 21 6	1074	20 20 58	952	20 12 15	122	609	20 12 46	491	20 20 45	118	972	20 17 30	929	20 12 48	43
7*	May 3 22 24	May 5 9	1088	4 0 46	949	4 10 45	139	610	4 14 4	505	4 1 23	105	1038	4 15 57	899	5 2 0	139
8	May 27 11	May 28 8	1082	27 14 35	1016	28 3 3	66	603	27 16 58	451	28 0 45	152	989	27 18 30	849	28 3 38	140
9	May 30 10	June 1 6	1161	30 18 17	981	31 6 43	180	605	30 14 10	501	31 1 27	104	1000	30 18 9	891	31 0 1	109
0	June 1 11	June 4 8	1121	3 18 51	971	3 10 9	150	603	1 14 5	505	3 8 17	98	990	1 17 59	902	3 1 18	88
1	June 13 4	June 14 8	1092	13 {18 5 and 22 31}	936	13 7 56	156	607	13 8 12	473	13 7 3	134	993	13 16 35	914	13 23 32	79
2	June 24 12	June 25 8	1190	24 18 56	812	24 23 51	378	644	24 20 43	416	24 22 52	228	1003	24 19 18	723	24 23 52	280
3	June 27 9	June 29 6	1113	28 17 45	976	28 12 48	137	598	28 16 31	483	27 22 21	115	983	28 17 19	843	28 1 59	140
4	July 14 18	July 15 22	1099	14 20 40	961	15 11 41	138	584	15 13 46	452	15 1 0	132	951	15 18 0	875	15 0 40	76
5	July 21 11	July 22 22	1108	21 17 11	971	22 9 47	137	617	21 16 5	497	22 7 40	120	982	21 18 3	924	22 4 30	58
6	July 25 14	July 28 24	1117	27 19 18	976	27 12 19	141	590	27 15 15	483	27 21 48	107	957	27 17 42	879	28 3 12	78
7	Aug. 7 6	Aug. 9 8	1105	8 21 58	965	7 9 43	140	623	7 13 49	458	8 1 1	165	986	7 16 15	868	8 4 10	118
8*	Aug. 22 14 47	Aug. 23 24	1114	22 14 52	945	23 6 4	169	614	23 4 22	458	23 1 53	156	969	22 19 3	764	23 3 18	205
9*	Aug. 31 16 15	Sept. 1 6	1101	31 16 20	1031	31 16 17	70	559	31 16 20	510	1 0 49	49	944	31 20 50	924	1 0 19	20
0*	Sept. 1 17 46	Sept. 2 18	1184	1 20 42	922	2 11 40	262	584	1 19 40	354	1 20 25	230	1076	1 20 20	829	2 4 44	247
1	Sept. 13 20	Sept. 16 8	1102	15 17 30	932	14 22 59	170	577	14 15 51	378	15 1 19	199	1036	14 19 22	764	15 1 16	272
2*	Sept. 21 2 17	Sept. 21 24	1121	21 2 20	833	21 7 16	288	605	21 2 20	432	21 6 52	173	963	21 20 30	862	21 7 30	101
3	Sept. 22 6	Sept. 23 8	1097	22 21 2	961	22 10 38	136	578	22 13 10	472	22 21 41	106	971	22 15 45	913	22 22 20	58
4	Sept. 23 20	Sept. 25 2	1136	24 16 32	925	24 8 8	211	573	24 13 7	427	24 22 2	146	1027	24 16 49	841	24 3 30	186
5	Oct. 8 18	Oct. 10 8	1157	9 18 50	944	10 0 38	213	584	9 15 6	406	8 22 54	178	991	9 18 26	848	10 0 39	143
6	Oct. 11 1	Oct. 12 22	1142	12 17 59	955	12 12 16	187	572	11 13 46	356	12 17 42	216	983	11 16 52	898	12 2 51	85
7	Oct. 21 8	Oct. 22 9	1123	21 19 9	931	21 19 38	192	606	21 19 1	398	21 23 59	208	1116	21 19 12	829	22 1 11	287
8	Oct. 23 10	Oct. 24 24	1119	23 15 44	855	24 7 41	264	658	23 15 50	353	23 22 50	305	1110	23 15 53	784	24 4 56	326
9	Oct. 31 12	Nov. 1 24	1107	1 20 33	979	1 10 52	128	572	31 12 51	418	1 3 49	154	986	31 18 22	869	1 3 5	117
0	Nov. 8 17	Nov. 9 9	1061	8 17 58	927	9 2 50	134	560	9 7 0	373	9 1 6	187	981	8 22 18	795	9 3 20	186
1	Nov. 9 14	Nov. 10 10	1072	9 22 40	934	9 22 3	138	561	10 4 48	354	9 22 23	207	1022	9 18 52	862	10 1 15	160
2	Nov. 10 13	Nov. 11 18	1050	11 1 50	953	11 10 30	97	554	11 13 28	387	10 18 42	167	1026	10 18 40	897	11 0 46	129
3	Nov. 14 1	Nov. 14 24	1081	14 16 25	946	14 20 51	135	599	14 16 30	439	14 20 24	160	1067	14 16 58	948	14 6 40	119
4	Dec. 5 18	Dec. 7 24	1105	5 21 50	961	6 13 45	144	548	6 13 34	414	5 21 45	134	1005	6 16 0	925	6 1 56	80
5	Dec. 27 14	Dec. 29 2	1118	27 21 9	901	28 9 7	217	607	28 7 50	421	27 21 25	186	1101	27 20 7	905	28 8 42	196

The intervals of maximum frequency are 50–59γ and 60–69γ for N, 60–69γ for W, and 20–29γ for V. Thus, relatively to 1924, the mode for each component falls in the next higher interval. The degree of concentration in the mode interval is less than in either 1923 or 1924.

There were 24 days, 13 of which were in September and October, on which the range in either N or W was 160γ or more ; the numbers of such days in the years 1919–24 being 55, 36, 27, 32, 11, 10, respectively.

On the days January 2, 4, 8, 9, 10, 11, 22, 31, and December 26, the daily range in either N or W did not exceed 25γ, and on only one of these days did the range in V exceed 10γ.

Principal Magnetic Storms during 1925.—Particulars of the principal magnetic storms recorded during the year are given in Table VIII. The magnetograms for the most highly disturbed days are not reproduced in this volume, but photographic copies may be obtained on application to the Director, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2.

Remarks on the Autographic records for Terrestrial Magnetism, 1925.

January.—Except for very moderate disturbance on the 5th and 13th conditions were quiet during the first half of the month. The curves for the 11th are very smooth. From the 16th to the 24th, excepting the 22nd, the curves show almost continuous disturbance. Although slight irregularities are apparent during some hours previously, the main part of the disturbance on the 16th began between 19h and 20h with a somewhat sharp decrease in W and a more gradual increase in V. The main disturbance ceased at about 9h on the 17th. There were no very rapid changes. A not very typical " sudden commencement " occurred at 18d 19h 43m. The ensuing disturbance was of a very moderate character for some hours but assumed greater magnitude between 19d 14h and 20d 6h. During the latter interval both N and W were below the respective undisturbed values for several hours. V reached a maximum at 19d 19h 9m and then fell to a minimum at 20d 1h 22m.

February.—A very moderate disturbance on the 1st was the only substantial interruption of the comparatively quiet interval extending from January 25 to February 6. The largest disturbance of the month occurred during the night hours of the 8th-9th. There were no particularly noteworthy features. Moderate disturbance was fairly general throughout the period 10th to 20th. There is a certain amount of similarity in the rather small wave-like changes between 20h and 22h on the 14th and 15th. The curves were smoothest on the 4th, 21st, 22nd, 23rd, 26th and 27th.

March.—In regard to the season this was a very quiet month. The quietest days were the 8th, 18th, 28th and 31st. The largest disturbances, and they were of a moderate character, occurred on the 9th, 10th and 15th. Fairly prominent peaks are seen in the N curve near 19h and 22h on the 9th and near 22h on the 10th. The main part of the disturbance of the 15th terminated with wave-like movements in N and W between 20h and 22h, during which N reached the maximum and W the minimum value for the day. A comparatively slight disturbance on the 19th and 20th began a few minutes after 18d 12h with a rather abrupt movement which has some resemblance to a " sudden commencement."

April.—The first three days were characterised by moderate disturbance which attained its greatest magnitude in the latter part of the 3rd. The 4th was probably the quietest day of the month. There was fairly general disturbance of a moderate character throughout the period 5th to 12th, the chief intervals of unrest being between

6d 17h and 7d 9h, 9d 18h and 10d 6h, 10d 19h and 11d 6h. A further moderate disturbance occurred in the latter part of the 15th. Somewhat prominent small-period oscillations are seen in N and W between 19h and 20h on the 15th ; in W the amplitude of the oscillations varies from 5 to 10γ and the period from 2 to 3 minutes. A " sudden commencement," consisting in N and W of a small preliminary decrease followed by a larger increase, occurred at 27d 14h 57m and was followed during the ensuing five hours by comparatively slight disturbance. After several hours of quiet conditions moderate disturbance developed on the 28th and continued until the 29th.

May.—The first of the larger disturbances of the month began with a " sudden commencement " at 3d 22h 24m. A smaller movement of this type occurred at 3d 15h 23m. After the abrupt beginning at 22h 24m N remained above the undisturbed value for nearly three hours, W for rather more than one hour, while V continued to decrease for about nine hours and did not again exceed the undisturbed value until after 4d 12h. The major changes in this disturbance occurred between 4d 6h and 5d 4h, but minor disturbance continued throughout the 5th and 6th. There were no large, rapid, oscillatory fluctuations. Maxima in V occurred within a very few minutes of 4d 16h and 18h, and minima near 4d 22h 30m and 5d 2h.

Quiet conditions prevailed from the 11th to the 17th. The curves for the 11th and 12th are especially smooth and show during the day hours greater development of the regular diurnal changes than is apparent on most of the other quiet days in the month.

A fairly large disturbance occurred between 27d 11h and 28d 8h ; the range in N, 66γ, being somewhat small relatively to the ranges in W and V, 152γ and 140γ, respectively. A rather disturbed period of several days duration began on the 30th, *i.e.*, 26-27 days after the disturbance which commenced towards the end of May 3. On the 30th and 31st the irregularities in N were more prominent than those in W. Conspicuous undulatory movements in N occurred between 30d 17h and 20h, and between 30d 23h and 31d 2h, the range in the former interval being 94γ.

June.—This was one of the most highly disturbed periods of the year. The character figure 0 was assigned to only seven days and of these only the 19th, 20th, 21st approximate to the ideally quiet day. The disturbance which began on May 30 continued until June 4, but conditions remained slightly disturbed until about 5d 15h. Further moderate disturbance occurred on the 6th and 7th. One of the larger disturbances of the month began between 4h and 5h on the 13th, a prominent feature being a large decrease in N, which set in soon after 5h, and was accompanied by short-period oscillations. This disturbance had subsided by about 14d 8h. After 22d 16h disturbance continued, but with some intermission on the 26th, until the end of the month. The most highly disturbed intervals were from 24d 12h to 25d 8h, and from 27d 9h to 29d 6h. In the former interval the largest changes took place between 24d 20h and 25d 2h. Between 24d 20h 40m and 21h 10m there occurred in N a rapid decrease of 239γ which was followed immediately by an increase of 224γ. Whilst these rapid changes in N were in progress there was a partially complete oscillation, of range 186γ, in W, and a sharp decrease of about 65γ and partial recovery in V. In this disturbance the minimum in V, which occurred shortly before 24h, was much more prominent than the maximum. The minimum in N occurred within a minute or two of that in V and was followed in the ensuing sixteen minutes by an increase of about 210γ.

July.—In the early days of the month there was, on the whole, a return to much quieter conditions than prevailed in the latter part of June.

A flat plateau or crest in the N curve between 0h 20m and 5h 40m on the 5th is apparently repeated between approximately the same times on the 6th.

A well defined " sudden commencement " occurred at 9d 4h 9m, and consisted of a sharp increase of about 20γ in N and in W, and a decrease of about 2γ in V.

N remained 15γ to 20γ above the value at 4h 9m for nearly two hours, but W decreased after the initial rise and fell below the original value within half an hour. The disturbance on the 9th was comparatively small, but was greater on the 10th and 11th.

A fairly large disturbance began somewhat abruptly between 18h and 19h on the 14th and continued for about twenty-nine hours. The ranges during the interval of greatest disturbance, 14d 22h to 15d 6h, were N, 90γ ; W, 103γ ; V, 61γ.

An interesting feature of the moderate disturbance of the 21st-22nd is a group of five waves between 13h and 18h on the 21st. The amplitude of the waves is much greater in N than in W, but there is approximate agreement in phase in these two components. The interval between successive maxima in N ranges from about 55 to 66 minutes.

From 25d 14h to 28d 24h there was continuous moderately large disturbance, activity being greatest on the 26th and 27th.

August.—There was moderately large disturbance on the 3rd-4th, perhaps the most conspicuous feature being an irregular oscillation in N between 21h 30m and 23h on the 3rd. N increased by about 100γ between 3d 21h 50m and 22h 3m.

Further disturbance began at about 7d 6h with a rather pronounced decrease in N, continued throughout the 8th but decreased in intensity on the 9th.

Very slightly disturbed conditions followed a small "sudden commencement" which occurred at 14d 3h 52m. This was the chief interruption in an otherwise comparatively calm interval extending from the 11th to the 16th.

Another period of disturbance extended from about 17d 11h to 19d 6h, the degree of unrest being greater on the 18th than on the 17th.

The largest disturbance since that of June 24-25 began at 22d 14h 47m with a very well developed "sudden commencement." The latter consisted, in N and W, of a sharp preliminary decrease, followed immediately by a much larger increase, the magnitudes of the changes being, N, -11γ, +70γ ; W,-13γ, +46γ, In V a barely measurable preliminary increase was followed by a decrease of 4γ. The larger changes during this disturbance ceased somewhat suddenly shortly before 12h on the 23rd, but smaller irregularities in the curves are noticed throughout the remainder of that day. N reached its maximum value in the culmination of the "sudden commencement." The maximum in V at 22d 19h 3m is not nearly so prominent a feature as the minimum at 23d 3h 18m. The absolute ranges during this rather moderate storm were N,169γ ; W,156γ ; V,205γ.

Quiet conditions prevailed on the 27th and 28th. A large "sudden commencement" occurred at 31d 16h 15m but the ensuing disturbance was of comparatively small magnitude. In V the "sudden commencement" consisted of an almost imperceptible increase followed by a decrease of about 3γ. The changes in the horizontal components were, N, −14γ, +69γ ; W, −7γ, +40γ.

It may be noted that each of the two comparatively calm periods referred to above, viz., 11th to 16th, 27th and 28th, is separated by an approximately 27-day interval from a similar period in July, viz., 16th to 20th, 30th and 31st. Also, certain of the disturbances in August appear to belong to series of which the members occur at intervals of approximately 27 days. The series of disturbances which can be made out are :—(*a*) July 9-10, August 7-8 ; (*b*) May 28, June 24-25, July 21-22, August 17-18 ; (*c*) May 4, May 30-31, June 27-28, July 26-27, August 22-23.

September.—A prominent "sudden commencement" at 1d 17h 46m was followed almost immediately by considerable disturbance. Unlike the similar phenomenon on the preceding day this "sudden commencement" shows no small preliminary change of opposite sign to the principal initial sudden change in field. The magnitudes of the latter were, N, +65γ ; W, +33γ ; V, −4γ. N and W remained well in excess of the respective undisturbed values until about 20h. Prominent changes took place between 20h and 22h, and in the course of a large wave-like movement N reached a maximum at 20h 42m and decreased by about 214γ in the ensuing 26 minutes, W decreased by nearly 200γ between 20h 0m and 20h 25m and increased by 162γ in the following 35 minutes, and V rose rapidly to a sharp isolated maximum, 134γ above the value at 20h 0m, at 20h 20m. After these changes N and W were mainly below the quiet day normal values for some hours. The interval from 22h to midnight was quiet, but further large disturbance occurred between 0h 30m and 7h on the 2nd. In the latter period V was below normal.

Moderate disturbance continued for some days, the degree of unrest on the 7th being somewhat greater than on the preceding two or three days. The 8th, 11th, 12th, 13th were among the quietest days of the month.

A somewhat extensive disturbance began shortly before 13d 20h and continued until the 17th. The intensity was greatest between 14d 8h and 16d 12h, and more particularly in the earlier part of this interval, *i.e.*, on the 14th and 15th. The values of the absolute ranges were, N,170γ ; W,199γ ; V,272γ.

After comparatively quiet conditions on the 19th and 20th there followed from the 21st to the 25th a series of pulses of disturbance separated by quiet intervals of short duration. The first disturbance began at 21d 2h 17m with an extremely sharp "sudden commencement," the magnitudes of the preliminary and principal initial changes being, N, $-8\gamma, +85\gamma$; W, $-24\gamma, +107\gamma$; V, $+1\gamma, -8\gamma$. In both N and W the maximum value in this disturbance, which subsided before midnight on the 21st, was reached in the culmination of the "sudden commencement." From 6h until about 17h the value of N was considerably below normal, especially during the first few hours of this interval, when there were rapid, comparatively short-period oscillations. The minimum in all three components occurred between 6h and 8h. After the initial fall V continued to decrease somewhat irregularly until 7h 30m, the subsequent recovery being accompanied by short-period oscillations from 8h to 15h. There was no well-marked maximum in this component. The next of this series of disturbances extended from 22d 6h to 23d 8h, although it was confined mainly to the 22nd. There were moderately prominent changes between 21h and 23h on the 22nd. The last and, as regards duration, most extensive disturbance of the series developed shortly after 23d 20h and continued until the early hours of the 25th. V decreased irregularly and reached the minimum value for the disturbance at 24d 3h 30m ; the maximum occurred at 24d 16h 49m and was followed by a secondary minimum at 24d 22h 18m. The range in V was considerably greater than that in the two preceding disturbances while the N and W ranges were intermediate between the ranges in the disturbances of the 21st and 22nd-23rd.

Mainly quiet conditions prevailed during the last four days of the month, especially on the 29th and 30th.

It is of interest to note that the disturbances of August 3-4 and September 1-2 are separated by about 27 days, that the disturbance of September 14-15 appears to be in continuation of the series (*b*) mentioned in the notes for August, and that the disturbance of September 21 may be a further member of the series (*c*).

October.—There were very few really quiet days. The following were the quietest periods of longest duration :—2d 10h to 3d 20h, 7d 16h to 8d 6h, 18d 1h to 19d 16h, 29d 1h to 29d 19h, 30d 10h to 31d 10h.

A very moderate disturbance on the 1st began at 1d 2h 28m with a "sudden commencement" in which the initial changes in N and W amounted to $+13\gamma$ and $+28\gamma$, respectively.

There was practically continuous disturbance from 3d 21h to 6d 18h, the most prominent changes taking place between 4d 19h and 24h. The ranges in the latter interval were, N,124γ ; W,119γ ; V,56γ.

The first phase of a disturbed period of several days duration developed shortly after 8d 18h ; from then until the 18th there were no quiet intervals of more than four or five hours duration. In the first disturbance the more important changes occurred between 8d 21h and 9d 6h, and between 9d 15h and 10d 3h, and during a large part of each of these intervals N and W were, in the main, in defect of the quiet day normal value for the month. V, which was below normal throughout the former interval, reached a not very prominent maximum at 9d 18h 26m, and a sharp but not particularly low minimum at 10d 0h 39m. Perhaps the most noteworthy individual feature of the disturbance is an oscillation in N which took place between 18h and 20h on the 9th. The range in N in this oscillation was 212γ, the times of the maximum and minimum values being 18h 50m and 19h 24m, respectively. Auroral glow was observed at Eskdalemuir at about 21h on the 8th and 9th. During disturbance on the 11th and 12th there were prominent changes in N and W between 20h and 23h on the 11th (ranges : N,143γ ; W, 117γ) but the most outstanding feature, which occurred between 17h and 19h on the 12th, consisted of a sharply beginning oscillation in N, a large bay, negative, in W, and a small maximum in V. Between 17h 15m and 17h 29m N decreased by 67γ, then increased by 179γ to a maximum at 17h 59m, and then returned to near the undisturbed value by about 18h 30m. W decreased by 158γ between 17h 16m and 17h 42m and then increased, reaching almost to the undisturbed value by 19h. The changes in V were much smaller ; the maximum at 17h 42m was only 19γ above the value at 17h 15m and the undisturbed value was reached again by about 18h 40m.

A disturbance of considerable activity extended from 21d 8h to 22d 9h. The most rapid large changes occurred between 19h and 20h on the 21st, in which interval N attained both the maximum and minimum values for the disturbance, W the maximum value, while V reached the absolute maximum for the year. The ranges in this interval were :—N, 192γ ; W, 160γ ; V, 132γ. The oscillatory changes shortly after 19h were followed by a decrease in value of W and also of N, but to a less extent, which continued for about six hours.

One of the largest disturbances of the year developed soon after 23d 10h. There was a rather marked depression in the value of N between 11h and 13h, and from 18h until about 8h on the 24th both N and W were mainly in defect of the quiet day values for the month. V increased fairly steadily until 15h 47m, and then there was a sharp rise of about 83γ to the maximum, at 15h 55m, which was followed in the ensuing twelve minutes by a decrease of 55γ. Sharp peak maxima occurred in N and W at 15h 44m and 15h 50m, respectively, the corresponding ranges during the interval 15h 30m to 16h 5m being 100γ and 165γ. Prominent oscillatory changes in N occurred between 22h 30m and 23h 10m, the ranges, during this interval, in N, W, and V, being 189γ, 139γ, and 28γ, respectively. Between 24d 2h 40m and 3h 42m V decreased by 112γ and reached a minimum at 4h 56m. In the interval from about 2h 30m to 7h, during which V was considerably below the quiet day value, there were rather large undulatory changes in N and W, both of the latter tending to increase. The ranges in N and W in this interval were 203γ and 207γ, respectively. The minimum value in N occurred, at 24d 7h 41m, in a sharp oscillation. Comparatively small fluctuations of short period in all three components continued until 24d 17h, and conditions became much quieter after midnight on the 24th.

It seems doubtful if the larger disturbances in October may be rightly regarded as members of the series the existence of which has been mentioned in the notes for August. The disturbance of October 9 appears to be too early to be a member of the (*b*) series, while that of October 21 is rather late to be regarded as a further member of series (*c*). On the other hand, the not very great disturbance of October 4 follows that of September 7 by about 27 days and is followed at about the same interval by disturbance on October 31–November 1.

November.—Moderately disturbed conditions which developed about noon on October 31 continued throughout November 1. V reached a maximum shortly after October 31d 18h and a minimum, at November 1d 3h 5m, in the course of a bay-shaped depression between 1h 40m and 4h. In the latter interval W rose in a small crest, decreased by 149γ between 2h 43m and 3h 49m and then increased by 72γ during the following 30 minutes ; the range in N during this interval amounted to 85γ.

Further moderate disturbance occurred between 2d 14h and 3d 2h, the more important changes taking place between 17h and 21h. Maxima and minima in N occurred at 18h 26m and 18h 46m, respectively, the range being 112γ.

The 5th was one of the quietest days of the month, and conditions on the 4th were equally quiet but for a shallow bay in W and a wave in N between 4d 23h and 5d 1h.

A series of rather large disturbances occurred from the 8th to 11th, and therefore 31 days after the series commencing on October 8th. The value of N was considerably depressed from 8d 20h to 9d 7h, and that of W from 8d 20h to 9d 5h. In V there was a somewhat inconspicuous maximum soon after 8d 22h, but the minimum at 9d 3h 20m was more pronounced. After a few hours during which there were no large changes further activity developed shortly before 9d 14h. Except for occasional brief intervals N remained in defect of the quiet day value throughout the remainder of the 9th and for the first six or seven hours of the 10th, and there was considerable depression in W between 9d 18h and 10d 1h. The largest oscillatory changes in N and W took place between 9d 21h and 23h, the ranges being 138γ and 174γ, respectively. V reached a maximum at 9d 18h 52m and, after an irregular fall, a minimum at 10d 1h 15m, the range being 160γ. At Eskdalemuir, auroral glow and streamers were observed at various times between 18h 30m and midnight on the 9th, the streamer phenomenon being most apparent from 21h 3m to 21h 12m, and again between 22h and 22h 30m. The sequence of events after 10d 13h was somewhat similar to that in the preceding 24 hours, except that the depression in the values of N and W was less marked. A small peak maximum in V occurred at 10d 18h 40m and a minimum at 11d 0h 46m. The absolute ranges during the third of the disturbances were less than in the first two. Quiet conditions persisted for a few hours after 11d 16h, but in the course of a general wave-form movement between 11d 22h and 12d 2h fairly prominent peaks in N and W occurred near 23h 35m. There was moderate disturbance on the 13th and 14th, the larger changes occurring between 15h and 23h on the latter day. There were prominent oscillations or waves in N and in W between 16h and 17h 30m, and between 19h 40m and 22h. The ranges were :—in the former interval, N, 122γ ; W, 130γ, and in the latter interval, N, 110γ ; W, 105γ. The maximum in each of the three components fell within the former interval, and the minimum in N and W within the latter. A secondary maximum in V occurred at 20h 30m, but there was no prominent minimum in this component.

In comparison with the earlier part of the month the latter part was mainly quiet.

December.—Although there were only two disturbances of any considerable magnitude there were very few really quiet days in this month.

The first disturbance of note began soon after 5d 18h, *i.e.*, 27 days after the first of the series commencing on November 8, and continued throughout the 6th and 7th. The larger changes took place within the first 24 hours of the disturbance. The maximum in N and the minimum in W occurred between 21h 30m and 22h on the 5th, in the course of semi-wave movements ; the maximum in V occurred at 6d 16h. 0m.

Moderate disturbance occurred in the following intervals :—10d 14h to 11d 2h, 11d 20h to 11d 24h, 15d 14h to 16d 9h, 18d 14h to 19d 2h, 19d 20h to 20d 8h, 23d 12h to 24d 4h, 24d 12h to 24d 24h, 29d 13h to 30d 2h, 31d 12h to 31d 24h.

The disturbance of the 27th–28th consisted of two main portions separated by a quiet period lasting from 28d 0h to 28d 6h. The first phase began between 14h and 15h on the 28th. N diminished and, except in the course of some oscillations between 19h and 22h, remained below the presumed undisturbed value for several hours. W increased until shortly after 19h when a considerable decrease set in. In a sharp oscillation, between 20h 50m and 21h 30m, the ranges in N and W were 180γ and 156γ, respectively. After 14h V increased fairly steadily to a maximum at 20h 7m, the value then being about 163γ in excess of that at 14h. This was followed by a more rapid decrease, the value at 22h being only about 20γ in excess of that at 14h. During the interval from 27d 22h to 28d 6h N and W tended to increase and V to decrease. The second phase of the disturbance began at 28d 6h 40m with a marked fall in N and on this was superimposed a large wave with a crest at about 8h 25m. The minimum value in N occurred at 9h 7m and was about 137γ below the value at 6h 40m. Recovery proceeded fairly rapidly until 12h and then more gradually. From 7h 20m, W increased by 114γ to its maximum at 7h 50m and then decreased more slowly by about 148γ in rather more than two hours, after which there was a gradual irregular increase. V decreased by 42γ between 7h 35m and 8h 42m. Following the minimum at the latter time there was a fairly steady recovery, the value at 12h exceeding the minimum by about 60γ. No further large changes occurred and disturbance subsided in the early hours of the 29th.

SEISMOLOGY.

Notes on Instruments.—As in previous years, the instrumental equipment consisted of three Galitzin pendulums, with galvanometric registration, arranged to record earth displacements in the north, east and vertical directions, but owing to only one recording drum being available records of the vertical component could not be obtained in 1925. The installation was situated in ground-floor rooms of the principal building of the Observatory, the pendulums being placed on massive concrete pillars which extend down to boulder clay and are independent of the floor. Early in October, 1925, the Galitzin seismographs, which were presented to the Observatory in 1910–11 by Sir Arthur Schuster, and which are the only instruments of the kind in use in the British Isles, were dismantled and were transferred to Kew Observatory, Richmond, on October 9. No seismological records were obtained at Eskdalemuir after that date.

For detailed descriptions of the Galitzin seismographs and for particulars of the interpretation of the records, reference may be made to *Vorlesungen über Seismometrie* by the late Prince B. Galitzin, to *Modern Seismology* by the late G. W. Walker, or to *Dictionary of Applied Physics*, Vol. III.

A standardisation of the horizontal seismographs was carried out in August, 1925. The results obtained are given below, together with the galvanometer periods, which were determined in 1924. The notation is that employed in the publications referred to above.

	North-South Seismograph.	East-West Seismograph.
T_1	24·6 secs.	24·8 secs.
T_2	24·0 secs.	23·1 secs.
μ^2	−0·21	−0·02
2Ak	84900	86500

The value of l was assumed to be the same as in earlier years, viz., 118 m.m. for each of the horizontal component seismographs.

The magnification for long-continued sinusoidal waves and the lag in the time of maximum on the paper behind the maximum in the ground were computed from the constants given above, with the following results :—

Period of Earth Wave, T_p (secs.)	Microns in the ground per millimetre on the paper.		Lag (secs.)	
	N-S. Component	E-W. Component	N-S. Component	E-W. Component
3	3·04	2·96	3·5	3·5
5	1·93	1·87	5·6	5·6
10	1·26	1·19	9·9	10·0
15	1·20	1·12	13·4	13·4
20	1·37	1·25	16·2	16·1
25	1·63	1·51	18·5	18·4
30	2·04	1·91	20·6	20·4
35	2·57	2·43	22·4	22·1

Certain small adjustments were made shortly before the standardisations on August 24, 25, and therefore the constants then derived were used only after the latter date, the values obtained in 1915 being used for the earlier part of the year.

The situation of the Observatory is such that the effect of wind produces undesirably large disturbances on the records, and on occasions the reading of an earthquake record is rendered quite impossible by the large and more or less irregular but persistent wind disturbance.

Notes on Tables.—*Earthquakes.*—The Seismological Diary, Table 288, contains the particulars of the earthquakes recorded by the Galitzin instruments. The notation employed is as follows :—

P is the time of arrival of the first phase (longitudinal waves). S is the time of arrival of the second phase (tranverse waves). L is the time of arrival of the long waves (surface waves).

PR_1, PR_2 . . . are longitudinal waves reflected once, twice . . . at the earth's surface, prior to their arrival at the station. SR_1, SR_2 . . . similarly denote reflected transverse waves. Any times given for reflected waves refer to the beginning of the disturbance at the observatory.

M_1, M_2 . . . are the times of successive maxima of the displacement of the ground, corrected, if necessary, for the lag of the instrument.

i is the sudden commencement of a phase. *i*P means a sudden commencement of the P phase. *e* means an indistinct commencement of a phase. F is the end.

T, the period in seconds, is the duration of a double oscillation (to-and-fro-movement). μ represents a micron (0·001 mm.).

$\triangle$ is the distance in kilometres of the epicentre measured along the arc of the great circle passing through the station. α is the azimuth of the epicentre (0° to 360°) measured from north through east. The distance is estimated from Klotz's *Seismological Tables* (Publication of the Dominion Observatory, Ottawa, Vol. III, No. 2), which are also used for computing the time at which the disturbance originated. This time of origination is denoted by the letter O.

A_N, A_E are the amplitudes of the components of the true displacement of the ground from the position of rest, and are measured in microns. When the displacement shown by the north-south seismographs is to the north a + sign is shown ; for a displacement to the south a − sign is used. Similarly + is used for displacement to the east, − for displacements to the west. When the oscillations are of a simple harmonic character no sign is prefixed to the amplitude. (For reasons mentioned in the foregoing, values of A_Z are not given.)

The suffixes N, E, Z indicate that the estimates refer to the records from the north-south, east-west and vertical seismographs respectively.

Microseisms.—Microseisms are the small and often extremely regular tremors which are practically always in evidence on the seismograph records. The periods range to something more than 8 seconds, and the larger periods are generally associated with larger amplitude. At Eskdalemuir the amplitudes are usually confined to the range 0 to 8μ. These minute tremors attain their greatest development in the winter months, and on occasion render the interpretation of earthquake records exceedingly difficult and sometimes impossible. Microseisms of the type referred to are believed to arise from other than purely local causes, but the precise nature of their origin remains in doubt. Although their period corresponds with that of sea waves there is evidence that the breaking of the latter on coasts does not afford a complete and satisfactory explanation of the known facts with regard to microseismic movement. There is evidence of a relationship between the travel of cyclonic disturbances in eastern seas and microseismic movement in China and Japan*, and evidence of a somewhat similar nature has been adduced in favour of a connection between microseismic movement and atmospheric pressure gradient in Europe and Canada.

In Table 289 are given the amplitude and period of the microseisms shown by the North component Galitzin seismograph on each day at 0h, 6h, 12h and 18h. The group of waves of greatest amplitude occurring in the 30 minutes centring at the hour in question is selected, and the amplitude tabulated is the mean obtained from two or three waves in that group. The period is derived from a measurement made in the same group.

In computing the mean period occasions of zero amplitude are omitted. For reasons already mentioned there were no records on a number of days.

The mean values of amplitude and period for the months of 1925, together with the means for the years 1911-1924, are given below.

MICROSEISMS. MONTHLY AND ANNUAL MEANS.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1925	Amplitude (μ)..	2·4	2·5	0·9	1·4	0·5	0·5	0·4	0·5	0·9	—	—	—	—
	Period (secs.) ..	6·1	6·4	5·3	5·5	4·4	4·3	4·3	4·4	4·7	—	—	—	—
1911 to 1924	Amplitude (μ)..	2·5	2·3	1·8	1·2	0·7	0·5	0·3	0·5	0·9	1·2*	1·8*	2·3*	1·3
	Period (secs.) ..	6·1	6·0	5·7	5·3	4·7	4·6	4·3	4·5	5·0	5·2*	5·6*	5·9*	5·2

*Mean for 13 years only.

* E. Gherzi. *Étude sur les Microséismes.* Observatoire de Zi-ka-wei, 1924.

Readings in millibars at exact hours, Greenwich Mean Time.

113. Eskdalemuir : H_b (height of barometer cistern above M.S.L.) = 237·3 metres. **January, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	964·5	965·7	965·5	966·7	967·0	967·1	967·2	966·7	965·0	963·2	960·5	958·1	956·6	955·7	953·2	952·0	948·8	948·5	947·5	947·2	948·0	948·5	948·9	949·9	957·9
2	952·0	954·2	953·9	954·4	955·0	955·0	953·4	951·3	948·2	945·0	940·0	936·9	937·4	938·3	939·2	939·8	941·2	943·1	945·9	949·3	951·4	951·2	951·4	950·7	**947·4**
3	950·0	951·4	952·2	954·1	955·5	957·1	957·7	958·4	958·4	957·6	957·6	957·3	957·5	959·1	960·9	962·3	963·4	964·7	965·3	965·6	965·9	965·8	965·6	964·5	959·2
4	962·7	961·7	961·2	960·5	958·8	958·2	958·1	959·5	961·4	963·7	965·7	967·1	968·4	969·0	969·8	970·7	971·4	971·7	972·0	972·3	973·1	973·2	973·9	974·6	966·4
5	975·2	975·8	976·3	976·8	977·3	977·8	978·3	980·0	980·8	981·7	982·1	982·2	982·0	981·8	982·1	982·3	982·8	983·5	983·9	984·5	984·8	985·1	985·6	986·4	981·0
6	987·4	989·1	990·7	991·8	992·8	993·8	995·0	996·1	998·0	998·7	999·8	999·6	999·4	999·4	999·3	999·1	998·9	998·7	998·2	997·5	997·5	997·0	996·7	996·9	996·1
7	996·6	995·8	995·6	995·6	995·2	995·2	995·3	995·4	995·4	995·3	995·3	996·2	994·9	995·4	995·8	996·0	996·1	996·2	995·8	995·6	995·2	995·1	994·8	994·6	995·6
8	994·3	993·7	993·1	992·1	991·3	990·5	989·0	988·2	987·4	986·5	985·9	984·7	983·8	982·5	981·3	980·2	978·8	977·5	976·4	975·6	975·1	974·2	974·6	974·9	984·2
9	976·1	976·6	979·2	981·5	983·4	985·4	987·6	989·4	990·6	991·5	993·0	993·1	993·6	994·1	995·1	995·8	996·7	997·4	997·9	997·9	998·1	998·1	998·4	998·5	990·7
10	998·3	998·3	997·9	997·4	997·1	997·1	996·9	996·8	997·2	997·1	997·1	997·5	997·4	996·6	996·8	997·0	997·2	997·3	997·4	997·9	998·2	998·5	998·5	998·6	997·5
11	998·5	998·3	998·0	998·1	997·6	997·9	998·4	998·6	998·9	999·3	999·3	999·1	998·8	998·5	998·2	998·5	998·3	998·2	998·2	998·1	998·0	998·0	997·6	997·2	998·3
12	996·8	996·6	996·5	996·2	996·2	995·8	995·4	995·5	995·6	995·7	995·2	994·6	993·8	993·4	992·8	992·6	992·8	992·2	992·0	991·6	991·0	990·3	990·0	988·2	994·0
13	988·2	987·8	987·0	985·8	985·6	984·9	984·5	984·9	984·8	984·6	985·1	985·2	984·2	983·1	982·7	982·7	981·1	980·2	978·6	977·2	975·9	974·5	973·5	972·3	982·6
14	971·2	969·6	968·7	967·7	967·0	967·4	969·4	972·3	975·6	977·4	978·3	978·9	979·8	980·7	981·7	982·0	983·3	983·7	984·2	984·7	984·9	985·1	985·0	984·6	977·4
15	985·1	985·1	984·5	985·0	985·6	986·4	987·3	988·4	990·4	991·2	992·5	994·2	994·7	995·9	996·3	997·2	998·3	998·9	000·3	001·3	001·8	002·0	002·1	002·1	993·2
16	002·3	002·7	002·4	003·0	002·7	002·9	002·9	002·8	002·7	003·0	003·1	002·7	002·1	001·7	001·4	000·9	000·8	000·5	000·4	000·1	000·0	999·7	999·3	999·0	001·7
17	998·9	998·4	998·0	997·6	997·3	997·1	996·8	996·7	996·7	996·4	996·6	996·6	996·4	996·4	996·1	996·3	996·7	997·3	997·8	997·8	997·7	997·7	998·5	998·4	997·3
18	999·2	999·4	999·5	999·4	999·4	999·8	000·0	999·8	999·6	000·3	000·5	000·7	000·0	000·2	000·4	001·1	002·2	002·6	003·8	004·5	005·0	005·9	006·7	007·5	001·4
19	007·8	007·9	008·2	008·8	009·2	009·5	009·8	010·3	011·4	011·8	011·9	011·5	011·1	010·8	010·5	010·4	010·3	010·1	009·7	009·4	009·2	008·8	008·7	008·3	**009·8**
20	008·0	008·0	007·5	007·0	006·7	006·7	006·6	006·7	007·0	007·1	007·2	006·8	006·3	005·9	005·5	005·1	005·1	005·3	005·3	004·9	004·2	004·2	003·7	003·3	006·1
21	002·4	002·0	001·2	000·5	000·1	999·8	999·8	999·6	999·5	999·5	999·2	998·6	998·0	998·0	997·8	997·8	997·8	997·9	997·8	997·6	997·6	997·5	997·8	997·3	999·1
22	997·3	996·8	995·8	995·5	995·1	994·6	993·9	993·4	993·1	993·1	992·9	992·6	991·7	991·2	990·8	990·2	989·5	989·4	989·4	988·1	988·9	988·5	987·8	987·4	992·2
23	986·7	984·2	985·6	984·9	984·2	984·1	984·4	985·5	985·8	986·1	986·2	986·0	986·0	986·2	986·4	986·6	987·1	987·7	988·7	989·2	989·9	990·6	991·0	991·4	986·8
24	991·8	992·3	992·9	993·6	993·8	994·5	994·9	996·1	996·6	996·9	997·8	997·8	997·8	998·2	998·3	998·7	999·0	999·4	000·2	000·3	000·8	001·1	001·4	001·4	997·1
25	001·7	001·9	002·0	001·9	002·2	002·9	003·4	003·8	004·3	004·8	004·9	005·0	005·3	005·4	005·8	006·1	006·5	007·0	007·6	007·7	008·2	008·3	008·6	008·4	005·0
26	008·5	008·6	008·2	008·0	007·9	007·7	007·6	007·7	007·5	007·9	007·6	006·7	006·3	005·7	005·5	004·9	004·7	003·9	003·7	003·1	003·1	003·0	002·7	002·0	006·1
27	001·4	001·1	000·3	999·5	998·7	998·2	997·9	997·8	997·5	997·1	996·6	995·9	995·2	994·3	993·8	993·4	993·4	993·1	992·8	992·2	991·9	991·7	991·1	990·7	995·9
28	990·2	989·5	988·9	988·5	988·0	987·5	987·3	986·9	986·6	986·3	986·0	985·3	984·4	983·4	982·6	982·1	982·0	981·4	980·9	981·1	981·2	981·3	981·4	981·8	985·0
29	981·6	982·1	982·1	981·4	979·2	977·2	975·3	972·8	970·2	967·9	966·7	966·6	967·2	967·2	967·8	969·1	969·5	970·3	971·3	971·9	972·8	973·1	974·0	974·7	973·1
30	975·8	976·2	976·5	977·3	977·5	977·8	978·0	977·6	977·3	976·2	975·9	975·4	974·5	974·9	975·2	975·2	975·2	975·1	975·4	974·0	972·9	972·5	971·8	972·0	975·5
31	974·0	974·9	975·6	976·4	977·4	977·6	977·9	978·1	978·2	978·1	977·9	977·0	976·0	975·2	974·9	974·5	974·3	974·6	974·8	975·0	975·9	977·0	978·9	980·5	976·3
Mean (Station level)	987·89	987·93	987·90	987·97	987·90	987·98	988·06	988·29	**988·44**	988·42	988·34	988·06	987·79	987·68	**987·68**	987·76	987·85	987·98	988·17	988·20	988·33	988·31	988·39	988·36	988·06
Mean (Sea level)	1017·27	1017·32	1017·31	1017·37	1017·30	1017·39	1017·48	1017·70	**1017·86**	1017·79	1017·67	1017·32	1017·01	**1016·90**	1016·92	1017·03	1017·16	1017·31	1017·52	1017·54	1017·70	1017·70	1017·79	1017·74	1017·41

114. Eskdalemuir : H_b = 237·3 metres. **February, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	m.b	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	981·7	982·3	982·9	983·4	984·0	985·3	986·0	986·9	988·1	989·6	991·1	992·6	993·4	993·9	994·3	995·0	995·5	996·3	997·0	997·3	997·9	997·9	997·8	997·4	990·8
2	997·4	997·3	997·2	996·6	995·9	995·9	996·0	995·6	995·5	995·1	994·3	993·8	992·6	992·7	993·2	992·7	993·4	994·5	994·6	994·8	995·3	995·3	995·5	995·4	**995·1**
3	995·3	995·1	994·8	994·5	994·0	993·6	993·0	992·7	992·5	991·6	989·9	989·9	990·0	989·2	989·0	988·8	988·7	989·1	990·0	990·6	991·0	992·0	992·6	992·8	991·7
4	993·1	993·5	993·8	993·9	994·3	994·8	995·4	996·4	997·2	997·7	997·3	997·3	996·5	996·3	995·8	995·4	994·9	994·2	993·3	992·0	991·1	989·8	988·7	987·9	994·3
5	986·5	986·1	984·2	983·4	982·3	981·5	980·8	980·6	982·1	982·7	983·1	983·3	982·9	982·7	982·4	982·4	982·6	982·6	982·4	981·7	981·1	980·4	980·9	980·8	982·6
6	980·3	979·5	979·0	977·9	977·5	976·7	976·4	976·3	976·2	975·9	975·6	974·7	974·0	973·6	972·5	972·1	972·4	972·0	972·5	972·8	973·6	973·9	974·3	974·2	975·3
7	974·8	974·8	975·0	975·7	976·1	977·0	978·1	980·0	980·6	981·5	982·2	982·3	982·3	981·9	981·5	980·8	980·4	979·4	978·5	977·0	975·3	973·2	971·1	969·1	978·0
8	967·7	965·6	964·0	962·3	961·8	962·1	962·6	962·8	963·0	963·1	963·0	963·1	961·5	959·9	957·9	956·3	955·2	957·1	959·8	961·1	961·5	963·6	965·1	966·0	962·0
9	966·7	967·0	967·6	967·6	967·6	967·9	968·1	969·2	969·6	970·1	970·6	970·7	970·5	969·9	968·9	967·9	967·8	968·8	969·6	970·6	970·8	971·4	972·1	971·6	969·2
10	971·4	970·3	970·1	969·6	969·3	967·9	967·5	965·7	964·7	962·9	962·3	961·3	960·7	960·3	961·9	962·1	962·1	962·5	962·8	963·0	963·1	962·7	962·8	962·3	964·7
11	962·2	961·7	961·3	961·1	960·8	960·7	960·7	960·9	960·9	961·1	960·9	960·8	960·1	959·5	958·8	958·3	957·6	957·1	956·3	955·7	955·1	954·6	953·4	953·5	959·1
12	953·4	953·2	952·8	952·6	953·3	953·7	954·0	954·5	954·9	955·1	956·6	956·6	957·0	957·7	957·8	958·2	958·5	958·8	959·2	959·3	959·5	959·7	960·0	960·0	956·4
13	959·7	959·1	958·4	957·2	956·7	955·1	953·8	952·7	951·8	951·1	951·2	951·2	951·2	951·7	952·0	952·3	952·6	953·0	953·2	953·3	953·6	953·6	953·2	953·1	953·9
14	953·1	952·9	952·6	952·5	952·3	952·3	952·1	952·1	952·0	951·1	951·0	950·4	949·9	949·3	949·6	948·8	950·4	951·0	951·5	952·1	952·9	953·1	954·0	954·9	951·7
15	955·8	956·4	956·8	956·8	957·1	957·5	957·6	958·4	958·9	959·2	959·9	960·2	960·5	960·8	961·0	961·4	961·7	962·6	963·3	964·1	964·6	965·2	965·8	966·9	960·3
16	966·7	966·8	967·0	967·5	967·6	967·4	967·3	967·5	967·8	968·1	968·2	968·2	968·2	967·9	967·7	967·6	967·3	967·5	967·4	967·1	966·9	966·8	966·5	966·1	967·4
17	966·2	966·3	966·1	966·2	966·2	966·0	965·9	965·7	965·6	965·8	966·0	966·0	966·3	966·1	966·3	966·3	966·3	966·4	966·8	967·1	967·6	967·8	967·9	968·7	966·4
18	969·5	970·0	970·1	970·6	971·4	972·0	972·9	973·7	974·0	974·9	975·7	976·3	976·4	976·3	976·7	977·1	977·5	977·7	978·2	978·3	978·6	978·9	979·0	979·2	975·0
19	979·5	979·4	979·4	979·3	979·6	980·1	980·6	981·5	982·2	982·5	983·1	983·2	983·8	984·1	984·4	985·0	985·1	985·7	986·2	986·5	986·9	987·1	987·2	987·2	983·1
20	987·1	987·1	986·7	986·3	986·1	985·9	985·9	985·8	985·8	985·8	985·5	985·1	984·2	983·9	983·3	982·7	982·1	982·0	982·0	981·7	981·2	980·9	980·7	980·3	984·2
21	980·2	979·8	979·5	978·8	978·6	978·4	978·3	978·5	978·4	978·4	978·5	978·6	978·5	978·5	978·6	979·0	979·6	980·0	980·5	980·9	981·1	981·5	981·7	982·0	979·5
22	982·4	982·5	982·5	982·3	982·3	982·5	982·6	982·8	982·7	982·2	981·6	980·9	980·0	979·0	978·0	976·7	975·8	974·9	973·9	972·5	971·0	970·2	969·3	968·4	978·5
23	967·1	966·3	965·2	964·8	964·3	964·0	963·9	963·9	963·5	963·6	963·7	964·0	964·1	964·4	964·7	965·4	966·9	966·7	967·4	967·6	968·3	969·1	969·2	969·5	965·7
24	969·1	968·6	968·2	967·8	967·2	966·5	966·1	965·3	963·7	962·2	960·9	959·9	958·4	957·1	956·0	954·6	954·1	953·9	953·4	953·6	953·8	954·0	954·6	955·0	960·5
25	955·0	955·0	954·9	954·8	955·2	955·2	955·3	955·7	955·7	955·3	955·3	955·0	954·4	953·8	953·2	953·1	953·0	952·4	951·8	951·0	950·5	949·8	948·8	947·9	953·6
26	946·8	945·6	944·1	942·7	941·7	939·8	938·7	938·6	937·9	937·6	937·6	937·4	937·4	937·3	937·3	937·4	937·7	938·0	938·7	939·3	939·9	940·2	940·5	941·1	**939·9**
27	941·8	941·8	941·9	942·3	942·7	943·2	944·2	944·8	945·6	946·2	946·9	947·2	947·6	948·1	948·3	948·8	949·5	950·1	950·7	951·4	952·4	952·7	953·3	953·7	947·0
28	954·3	954·9	955·2	955·8	956·3	957·0	957·6	958·4	959·1	959·5	960·3	960·7	961·1	961·6	962·4	962·8	963·5	964·2	965·0	965·7	966·6	967·1	968·1	968·3	960·8
Mean (Station level)	**970·17**	969·96	969·69	969·44	969·36	969·29	969·34	969·54	969·64	969·64	969·73	969·67	969·41	969·20	969·05	**968·89**	969·01	969·23	969·50	969·57	969·69	969·73	969·79	969·76	969·53
Mean (Sea level)	**999·25**	999·02	998·73	998·46	998·37	998·31	998·37	998·57	998·64	998·59	998·63	998·52	998·22	998·00	997·87	**997·73**	997·90	998·16	998·45	998·54	998·68	998·75	998·82	998·79	998·48
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

115. Eskdalemuir : H_b (height of barometer cistern above M.S.L.) = 237·3 metres. **March, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	968·9	969·3	969·8	970·3	970·7	971·0	971·6	972·4	973·4	974·4	975·4	976·1	976·8	977·2	977·8	978·4	978·8	979·5	980·4	981·6	982·5	983·8	984·8	985·8	**975·9**
2	986·9	987·6	988·7	989·1	990·0	990·6	992·0	993·1	993·6	994·4	994·8	995·1	995·3	995·5	995·9	996·2	996·8	997·3	998·1	998·4	998·9	999·4	999·5	999·6	994·2
3	000·0	000·2	999·9	000·2	000·9	001·2	001·6	002·3	002·8	003·5	003·6	003·6	003·6	003·7	004·3	004·4	004·6	005·1	005·9	006·3	006·4	006·8	006·8	006·6	003·4
4	006·6	006·3	005·9	007·5	007·4	007·3	007·3	006·8	006·8	006·8	007·1	006·5	006·3	005·9	005·3	005·3	005·1	005·2	005·2	005·0	005·0	004·9	004·5	003·9	**006·1**
5	003·3	002·5	001·6	001·0	000·5	999·8	999·2	998·4	998·4	997·9	996·7	996·3	995·3	994·0	993·9	994·0	993·4	993·2	992·4	991·0	989·7	989·6	989·4	989·3	996·2
6	987·6	986·5	986·5	986·5	986·5	986·1	986·0	986·0	985·9	985·6	985·6	985·3	984·5	983·5	982·9	982·1	982·1	982·5	982·1	980·9	981·3	981·2	981·3	980·8	984·3
7	981·1	980·2	979·5	978·5	978·2	978·2	978·0	977·8	977·7	977·4	977·2	977·2	976·8	975·8	975·1	974·5	973·8	973·6	973·1	972·5	971·5	970·9	070·5	970·1	976·0
8	969·4	968·7	967·7	968·0	968·3	969·1	970·5	971·8	974·4	975·8	978·0	979·3	980·8	981·7	981·8	982·3	982·9	983·2	984·1	984·5	985·4	985·8	986·0	985·7	977·4
9	985·6	986·1	986·4	986·2	986·7	986·9	986·9	987·4	987·8	988·6	988·8	989·3	989·5	990·0	990·3	991·2	991·8	992·7	993·9	994·9	995·5	995·9	996·4	996·7	990·0
10	997·4	997·8	998·2	998·7	999·0	999·4	999·9	000·1	000·1	000·3	000·5	000·2	999·6	999·1	998·2	997·3	996·4	995·6	995·1	995·0	994·4	994·4	994·4	994·6	997·8
11	994·5	994·5	994·6	994·8	995·1	995·3	995·7	996·5	997·5	998·2	998·9	999·3	999·5	999·7	999·6	999·7	999·9	000·3	000·5	000·6	000·8	000·9	000·9	001·3	998·1
12	001·2	001·5	001·2	001·5	001·8	002·1	002·7	003·0	003·2	003·6	003·6	003·8	003·5	003·3	002·9	002·8	002·7	002·6	002·5	002·3	002·2	001·8	001·1	000·7	002·4
13	000·1	999·3	998·9	997·9	997·2	996·7	996·3	994·9	993·9	993·1	992·3	991·4	990·3	989·3	988·9	988·9	988·9	988·6	988·3	988·6	988·8	988·6	988·6	988·5	992·7
14	988·5	988·0	987·6	987·1	986·7	987·0	986·8	986·6	986·6	987·2	987·4	988·1	987·9	987·6	987·5	987·6	987·9	988·3	988·8	989·3	989·8	990·7	991·4	991·7	988·1
15	992·2	992·7	993·2	993·9	994·6	995·1	995·7	996·2	996·8	997·4	998·0	998·0	998·4	998·4	998·3	998·6	998·8	999·3	000·1	000·8	000·9	001·3	001·9	002·1	997·4
16	002·2	002·0	001·7	001·4	001·5	001·5	001·7	001·6	001·4	001·2	000·9	000·6	000·5	000·7	000·7	000·3	000·8	000·9	000·7	000·8	000·4	001·2	000·8	001·0	001·1
17	000·7	000·7	000·6	000·6	000·9	001·0	001·1	001·2	001·4	001·7	001·8	001·8	001·4	001·4	001·3	001·4	001·5	001·6	001·9	002·1	002·5	002·5	002·5	002·5	001·5
18	002·3	002·4	002·5	002·8	002·9	003·1	003·4	003·4	003·5	003·3	003·4	003·2	002·9	002·6	002·4	002·4	002·6	002·6	003·0	003·4	003·3	003·4	003·4	003·3	003·0
19	003·0	002·9	002·6	002·4	002·5	002·4	002·3	001·9	001·8	001·4	000·7	000·5	000·1	000·0	999·7	999·5	999·5	999·6	999·7	999·4	999·2	998·8	998·5	997·9	000·8
20	997·5	997·3	996·4	996·3	996·2	995·9	995·4	995·2	994·8	994·4	994·0	993·5	993·0	992·3	991·3	990·7	990·5	990·1	990·1	989·7	989·7	989·9	989·8	989·6	993·2
21	989·6	989·6	989·3	989·3	989·3	989·8	990·0	990·2	990·3	990·2	990·4	990·8	990·8	990·6	991·0	991·0	991·6	991·5	991·9	991·9	992·1	992·4	992·8	993·1	990·7
22	994·6	993·8	994·0	994·3	994·2	994·3	995·0	995·8	996·4	996·9	997·1	997·1	996·7	996·2	995·8	995·2	995·0	995·0	994·9	994·6	994·7	994·4	993·7	992·9	995·1
23	992·4	991·4	990·9	990·0	989·5	988·6	988·0	987·3	986·6	985·8	984·9	984·3	983·6	983·2	982·9	983·0	983·0	983·0	983·1	983·1	983·0	982·9	982·6	982·2	985·9
24	981·8	981·1	980·3	979·8	979·4	979·1	979·1	978·9	978·6	978·3	978·1	977·2	977·0	976·4	976·3	977·1	977·0	977·6	977·8	978·2	978·6	979·1	979·4	979·0	978·6
25	979·4	979·3	979·1	979·1	979·4	979·9	980·0	980·4	980·5	980·3	981·3	981·7	982·3	982·9	983·2	983·5	984·5	985·8	987·4	988·5	989·3	990·1	990·7	991·2	983·1
26	991·5	992·0	992·0	992·3	992·8	992·8	992·9	993·4	993·9	994·0	993·8	993·9	993·5	993·0	992·6	992·3	992·4	992·6	992·9	993·0	993·2	993·6	993·6	993·5	992·9
27	993·5	993·1	993·0	992·8	992·8	993·1	993·6	993·8	993·9	993·7	993·3	993·2	992·8	992·3	991·8	992·0	992·0	992·1	992·6	993·1	993·1	993·6	994·2	994·7	993·1
28	994·8	995·1	995·2	995·5	995·8	996·4	997·0	997·2	997·6	997·7	997·7	997·7	997·5	997·4	997·1	996·8	996·4	996·3	996·2	996·1	995·9	995·5	994·0	993·9	996·3
29	993·4	993·8	992·6	991·3	991·1	990·4	991·1	992·0	992·1	992·1	992·0	992·0	991·8	991·1	990·8	990·0	989·6	989·3	989·3	989·3	989·7	989·6	989·7	989·3	991·1
30	988·6	988·1	987·7	986·7	986·2	985·4	984·9	984·9	984·2	983·7	982·9	982·0	981·5	980·8	980·4	979·7	979·5	978·8	978·5	978·5	978·5	978·2	978·4	978·6	982·6
31	978·5	978·4	978·2	977·4	977·2	977·2	977·2	977·1	977·1	977·1	976·9	976·5	976·1	975·2	974·4	973·8	973·0	973·3	973·7	974·2	975·0	975·7	976·4	977·2	976·1
Mean (Station level)	991·84	991·68	991·48	991·39	991·46	991·51	991·71	991·86	992·03	992·13	992·16	992·11	991·92	991·64	991·43	**991·35**	991·38	991·52	991·75	991·86	991·98	992·16	**992·19**	992·17	991·78
Mean (Sea level)	1021·47	1021·30	1021·11	1021·04	1021·12	1021·17	1021·37	1021·43	1021·50	1021·53	1021·50	1021·41	1021·17	1020·88	1020·66	**1020·63**	1020·72	1020·94	1021·26	1021·40	1021·53	1021·75	1021·80	**1021·81**	1021·26

116. Eskdalemuir : H_b = 237·3 metres. **April, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	977·9	978·1	979·6	980·6	981·2	981·8	982·5	983·0	983·1	983·2	983·3	982·9	982·6	982·2	981·9	981·4	981·3	981·0	980·8	980·2	979·9	979·4	978·8	978·1	981·0
2	977·5	976·8	976·0	975·4	975·0	974·8	974·7	974·5	974·4	974·3	974·3	974·5	974·9	975·4	976·5	977·3	978·6	979·8	980·9	981·0	983·3	984·3	984·9	985·2	977·5
3	985·6	986·0	986·6	986·8	987·3	987·8	988·0	988·5	988·8	988·9	989·0	988·8	988·3	988·2	988·1	988·1	988·0	988·1	988·3	988·4	988·4	988·1	987·4	986·9	987·8
4	986·2	985·6	984·9	983·9	983·2	982·9	982·5	982·2	981·6	981·2	980·6	980·0	979·1	978·3	977·6	977·1	976·8	976·5	976·2	975·9	975·5	975·1	974·7	974·2	979·9
5	973·7	973·1	972·7	972·2	972·1	971·8	971·9	971·7	971·5	971·4	971·3	971·0	970·9	970·3	969·9	969·8	970·3	970·6	970·8	971·3	971·5	971·3	971·1	970·4	971·4
6	969·8	969·0	967·9	966·9	966·7	966·6	966·7	966·8	967·2	967·2	967·4	967·9	968·5	968·9	969·2	969·3	969·8	970·7	971·4	972·4	973·0	973·7	974·0	974·8	969·3
7	975·0	975·2	976·1	976·2	976·2	976·2	976·9	977·3	977·7	977·5	977·6	977·6	977·4	977·6	977·7	977·9	978·3	979·1	979·8	980·5	981·1	981·3	981·7	981·8	977·9
8	982·2	982·4	982·3	982·6	982·9	983·2	983·6	984·0	984·0	983·9	984·0	984·1	984·0	983·7	983·1	982·6	982·5	982·5	982·5	982·6	982·2	981·9	981·6	981·4	982·9
9	980·5	980·0	979·2	978·8	978·4	978·3	978·2	978·2	977·9	977·6	977·2	976·9	976·4	975·8	974·7	973·9	974·6	975·0	974·6	975·1	975·5	975·6	975·6	975·8	976·9
10	976·0	976·4	976·9	977·5	977·8	978·7	979·2	980·0	981·1	982·3	982·8	982·8	983·7	983·9	984·2	984·4	985·0	985·5	986·2	987·2	987·7	988·0	988·2	988·2	982·4
11	988·1	988·2	988·2	988·6	988·8	989·0	989·0	989·2	989·2	989·0	988·7	988·3	988·1	988·0	987·8	987·6	987·4	987·5	987·9	988·2	988·3	988·3	988·3	988·2	988·3
12	988·1	988·1	987·8	987·7	987·5	987·8	988·1	988·3	988·4	988·5	988·3	988·3	988·1	988·1	987·8	987·5	987·4	987·3	987·4	987·2	987·1	986·7	986·0	985·3	987·7
13	984·6	983·8	982·8	981·7	980·8	979·7	978·4	977·7	976·9	976·1	976·4	976·3	976·3	976·4	976·5	976·3	976·4	976·8	977·3	977·4	978·1	977·8	978·5	978·7	978·5
14	979·2	979·8	979·9	980·1	980·3	980·6	981·0	981·2	981·0	980·8	980·5	980·1	979·8	979·0	978·1	977·2	976·3	975·0	973·8	972·1	970·0	968·0	965·0	962·8	977·1
15	962·0	961·9	961·5	961·0	960·9	961·1	961·4	961·9	962·2	962·5	963·4	962·9	962·9	963·4	963·3	963·0	962·7	962·6	962·4	962·9	962·1	960·7	958·8	956·9	**962·0**
16	955·7	954·3	953·4	952·8	952·8	954·8	958·4	962·2	964·6	966·4	968·2	969·5	970·4	971·1	972·0	972·7	973·8	974·8	976·1	976·9	977·9	978·4	979·3	978·9	966·9
17	979·9	980·2	980·9	981·6	982·2	982·0	982·6	982·9	983·0	982·7	982·9	983·2	983·0	983·1	983·1	982·8	982·4	982·1	981·9	981·7	981·1	980·3	979·2	977·9	981·8
18	976·7	975·4	974·6	973·7	972·8	972·3	971·8	971·7	971·7	971·6	972·4	973·3	974·0	974·4	974·7	975·2	975·8	976·4	977·7	978·4	979·7	980·8	981·5	982·2	975·3
19	982·6	983·1	983·8	984·7	985·6	986·1	986·7	987·4	988·1	988·5	989·0	990·1	990·9	990·9	991·3	991·7	991·8	992·3	992·7	993·2	993·8	994·2	994·6	994·9	989·2
20	995·1	995·0	995·0	994·9	995·1	995·8	996·2	996·4	996·3	996·4	996·4	996·3	996·2	995·9	995·8	996·1	996·7	997·3	997·7	998·1	998·5	998·6	998·6	998·9	**996·5**
21	998·6	998·1	997·7	997·5	997·4	997·4	997·1	996·6	996·0	995·6	995·0	993·8	993·5	992·9	992·2	991·7	991·2	990·8	990·3	990·1	989·5	988·9	987·8	987·0	993·9
22	986·0	985·7	985·3	984·5	984·0	984·7	984·9	984·7	984·0	983·2	982·2	981·2	980·2	978·8	977·0	975·2	973·8	971·9	970·5	969·5	968·7	968·2	968·6	969·3	978·8
23	969·7	970·4	970·9	971·2	972·0	972·5	972·4	973·0	973·1	973·3	973·2	973·0	972·7	972·8	972·4	971·9	972·1	972·2	972·3	972·5	972·5	972·6	972·3	972·9	972·2
24	972·7	972·9	972·8	972·4	972·5	972·6	972·8	972·7	972·7	972·9	973·0	974·1	974·2	974·8	974·5	974·8	975·8	975·9	976·3	976·4	976·7	976·7	976·7	976·5	974·2
25	976·3	976·0	975·5	974·9	974·8	974·8	974·4	974·2	973·7	972·9	972·8	972·5	972·1	971·9	971·5	971·6	972·0	971·8	972·1	972·1	972·6	972·4	972·6	973·0	973·3
26	973·7	974·0	974·2	974·3	974·6	975·2	975·0	975·4	975·7	976·0	976·4	976·5	976·6	976·5	976·2	976·9	977·2	977·1	978·0	978·8	979·3	979·6	979·7	980·1	976·4
27	980·1	980·3	980·5	980·4	980·4	980·6	980·7	980·9	980·9	980·7	980·5	980·6	980·0	981·0	981·2	981·6	981·9	982·2	982·9	983·5	984·0	984·3	984·9	984·9	981·6
28	984·8	984·8	984·8	984·8	984·8	985·0	985·3	985·4	985·5	985·3	985·2	985·0	984·6	984·3	984·0	983·5	983·1	982·8	983·1	983·1	983·5	983·4	983·6	983·8	984·3
29	983·6	983·4	983·3	983·1	983·2	983·2	983·1	983·2	983·2	983·4	983·2	983·2	982·9	982·8	982·5	983·2	983·2	983·4	983·8	983·9	983·7	983·6	983·5	983·4	983·3
30	983·3	983·0	982·9	982·6	982·6	982·4	982·5	982·3	982·3	981·9	981·5	981·2	980·7	980·2	979·9	979·6	979·3	979·3	979·2	979·3	979·4	979·3	979·5	979·5	981·1
Mean (Station level)	979·51	979·37	979·27	**979·11**	979·13	979·32	979·53	979·78	979·86	979·84	979·89	979·86	979·79	979·69	979·49	979·40	979·52	979·61	979·83	980·00	**980·15**	980·05	979·90	979·73	979·65
Mean (Sea level)	1008·70	1008·60	1008·50	1008·33	1008·38	1008·56	1008·81	1008·81	1008·76	1008·66	1008·67	1008·58	1008·46	1008·37	1008·14	**1008·11**	1008·29	1008·43	1008·79	1009·07	**1009·27**	1009·21	1009·09	1008·92	1008·64
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

117. Eskdalemuir : H_b (height of barometer cistern above M.S.L.) = 237·3 metres. **May, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	bm.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	979·5	979·1	979·2	979·3	979·7	980·3	981·1	981·9	983·1	983·1	983·9	984·3	984·8	985·0	985·2	985·8	986·0	986·7	987·0	987·2	987·6	987·9	987·8	987·8	983·7
2	987·7	987·5	987·6	987·6	987·4	987·4	987·5	987·5	987·5	987·3	987·0	986·9	987·0	986·8	986·7	986·5	986·5	986·6	986·7	987·1	987·3	987·1	986·8	986·4	987·1
3	986·1	985·8	985·7	985·4	985·2	985·1	985·2	984·8	984·6	984·4	984·1	983·5	982·9	982·2	981·7	981·2	980·7	980·3	980·1	979·5	979·4	979·0	978·6	978·1	982·8
4	977·4	976·8	976·6	976·2	975·8	975·7	975·8	975·5	975·4	975·1	975·0	974·7	974·5	974·5	974·5	974·1	973·8	973·4	973·6	974·1	974·6	974·3	974·5	974·5	975·1
5	974·3	974·4	973·9	973·7	973·6	973·6	973·3	973·3	973·1	973·1	973·1	973·3	973·3	973·3	973·3	973·1	973·2	973·4	974·3	974·8	974·9	975·4	975·7	975·7	973·9
6	975·5	975·4	975·3	975·0	974·7	974·2	974·4	974·5	974·6	974·2	974·1	973·9	974·0	973·8	973·9	975·2	975·1	975·4	975·6	975·9	976·2	976·4	976·3	976·4	975·0
7	976·3	976·1	975·7	975·7	975·7	975·6	975·5	975·3	974·8	974·7	974·5	974·2	974·1	973·7	973·2	972·5	972·3	972·3	972·4	972·1	972·2	972·0	971·8	971·6	974·0
8	971·5	971·3	971·0	970·9	970·6	970·6	970·7	970·9	970·8	970·5	970·7	970·5	970·4	970·2	970·6	970·2	969·8	969·7	969·6	969·5	969·6	969·8	970·3	970·8	970·5
9	971·1	971·3	971·6	971·8	972·1	972·5	973·0	973·4	973·6	973·9	974·1	974·4	974·3	974·4	974·5	974·7	974·8	975·0	975·4	976·0	976·5	976·9	977·2	977·5	974·0
10	977·8	978·0	978·3	978·5	979·1	979·7	980·4	980·9	981·1	981·5	982·0	982·3	982·1	982·2	982·3	982·0	982·1	982·2	982·4	982·8	983·0	982·8	982·5	982·3	981·1
11	981·6	980·9	980·3	979·4	978·8	978·2	977·8	977·1	976·7	976·0	975·3	974·8	974·9	975·0	975·3	975·5	976·0	976·8	977·7	978·2	978·9	979·4	980·1	980·6	977·8
12	981·1	981·5	982·1	982·5	983·0	983·9	984·4	984·5	985·0	985·0	985·1	985·4	985·5	985·3	985·2	984·6	984·3	984·3	984·4	984·1	984·7	985·0	985·8	986·4	984 2
13	987·1	987·7	988·4	989·2	990·1	990·7	991·7	992·5	992·6	992·6	992·6	992·6	992·7	992·9	992·9	992·7	992·5	992·6	992·6	992·7	992·8	993·0	992·6	992·1	991·5
14	992·5	992·6	992·3	993·0	993·7	994·4	995·2	995·3	995·4	995·6	995·7	995·7	995·6	995·5	995·5	995·2	994·9	994·5	994·3	994·2	994·5	994·2	993·8	993·3	**994·4**
15	992·7	992·3	991·5	991·0	990·5	990·2	989·9	989·8	989·2	988·3	987·5	986·6	986·1	985·5	984·8	984·2	983·8	983·4	983·3	983·0	982·9	982·7	982·1	981·2	987·0
16	981·3	981·0	981·0	980·8	980·5	980·5	980·3	979·9	979·9	979·5	979·2	978·4	977·5	976·5	975·2	974·2	973·7	973·5	973·8	974·3	974·5	974·7	974·7	974·7	977·6
17	975·0	975·3	975·9	976·5	977·1	977·8	978·9	979·8	980·4	980·8	981·2	981·6	981·9	982·2	982·2	982·8	983·1	982·7	983·0	983·5	983·5	983·6	983·0	982·3	980·4
18	982·2	982·0	981·9	982·0	982·0	982·1	981·6	981·7	981·6	982·1	982·5	982·2	982·1	982·1	982·6	982·5	982·2	982·4	982·5	983·1	983·4	983·6	983·7	983·7	982·4
19	983·5	983·5	983·4	983·1	982·9	982·9	982·8	983·0	982·8	982·9	982·9	982·8	982·6	982·5	982·1	982·3	982·4	982·5	982·8	983·3	983·9	984·2	984·4	984·6	983·1
20	984·6	984·8	984·7	984·9	984·9	985·0	984·9	985·0	984·8	984·5	984·5	984·1	983·8	983·9	983·6	983·6	983·8	983·9	984·0	984·2	984·3	984·4	984·4	984·1	984·4
21	983·9	984·0	983·9	983·7	983·8	983·7	983·6	984·0	983·9	983·8	983·8	983·8	983·8	983·7	983·5	983·3	983·2	983·2	983·3	983·4	983·4	983·4	983·2	983·1	983·6
22	982·9	982·5	982·2	982·0	982·0	981·9	981·7	981·7	981·4	981·2	981·2	981·0	980·8	980·4	979·9	979·5	979·0	978·6	978·5	978·3	978·5	978·3	978·1	977·9	980·5
23	977·6	976·9	976·3	976·1	975·9	975·5	975·1	975·1	974·7	974·0	974·0	974·0	973·9	973·3	972·9	973·4	973·2	973·2	972·9	973·0	973·5	973·4	973·3	973·2	974·5
24	973·0	972·5	971·9	971·6	972·0	971·9	971·3	971·7	971·6	971·3	971·1	971·0	971·3	972·1	971·9	972·1	972·0	972·0	972·2	972·1	971·9	971·9	971·7	971·3	971·9
25	971·3	971·3	971·4	971·5	971·7	972·0	972·5	973·1	973·8	974·0	974·4	974·6	975·0	975·8	975·8	976·1	976·3	976·9	977·4	977·9	978·2	978·5	978·5	978·7	974·7
26	978·9	979·1	979·1	978·9	979·2	979·4	979·6	979·5	979·5	979·0	978·6	978·5	977·8	977·7	977·4	977·2	977·0	976·2	975·4	974·7	974·1	973·2	972·2	971·2	977·4
27	969·8	968·5	966·8	964·9	963·3	961·7	960·3	959·3	959·5	958·2	958·1	958·3	958·4	959·0	959·2	959·7	960·2	960·0	959·5	959·4	959·2	958·5	957·8	956·9	961·0
28	956·1	955·5	954·9	954·4	953·9	953·7	954·2	954·5	954·9	955·3	955·9	957·1	958·0	958·4	958·8	959·5	959·9	959·5	959·5	959·5	959·9	960·7	960·8	960·6	**957·2**
29	960·6	960·3	959·9	960·2	960·8	961·5	962·3	963·5	964·1	965·4	966·2	966·9	967·9	968·1	968·5	968·9	968·4	967·8	966·8	966·1	965·3	964·5	963·7	963·4	964·6
30	963·9	965·1	965·6	965·9	966·5	967·3	967·8	967·8	968·9	969·8	970·7	971·1	971·3	971·3	972·3	972·6	972·4	972·7	973·4	974·0	975·4	975·8	976·0	976·9	970·3
31	997·6	978·2	978·1	978·4	979·0	980·7	980·9	981·5	982·1	982·7	983·4	983·7	983·8	984·3	984·5	984·3	985·1	985·3	985·2	985·3	985·7	985·8	985·8	985·5	982·6
Mean ... (Station level)	977·88	977·78	977·63	**977·56**	977·60	977·73	977·86	978·01	978·11	978·06	978·14	978·14	978·14	978·12	978·07	978·05	977·98	977·97	978·05	978·17	978·38	**978·40**	978·30	978·15	978·01
Mean ... (Sea level) ...	1006·58	1006·50	1006·39	**1006·30**	9006·33	1006·42	1006·49	1006·58	1006·62	1006·51	1006·53	1006·46	1006·45	9006·39	1006·33	1006·33	1006·30	1006·33	1006·49	1006·70	1006·96	**1007·03**	1006·96	1006·82	1006·54

118. Eskdalemuir : H_b = 237·3 metres. **June, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	985·5	985·5	985·5	985·5	985·4	985·5	985·6	985·8	986·0	986·3	986·5	986·3	986·3	986·5	986·8	987·0	987·0	987·0	987·3	987·5	988·1	988·2	988·5	988·6	986·5
2	988·7	988·8	988·9	989·2	989·4	989·5	989·7	989·9	990·1	990·2	990·2	990·4	990·4	990·6	990·8	991·1	991·6	991·6	992·2	992·5	993·0	993·1	993·2	993·2	990·7
3	993·1	992·9	992·9	992·9	992·8	992·8	992·6	992·3	992·2	991·8	991·6	992·3	992·3	992·1	992·2	992·3	992·2	992·2	992·2	992·4	992·8	993·7	993·8	994·4	992·6
4	994·3	994·2	994·3	994·4	994·5	994·6	994·8	995·1	995·4	995·2	995·1	995·5	995·5	995·2	994·4	994·2	993·7	993·6	993·4	993·4	993·4	993·3	993·2	993·2	994·4
5	992·9	992·9	992·3	992·5	992·4	992·4	992·3	992·0	991·9	991·9	991·8	991·7	991·2	990·9	990·4	990·1	989·7	989·6	989·2	989·2	989·0	988·8	988·6	988·2	991·0
6	988·1	987·9	987·7	987·9	988·8	988·7	989·1	989·5	989·7	989·7	989·9	990·3	990·4	990·7	990·8	991·1	991·4	991·7	992·3	992·9	993·8	994·2	994·6	994·7	990·5
7	995·2	995·1	995·3	995·7	996·1	996·1	996·2	996·4	996·1	996·2	996·1	996·2	996·1	996·1	995·9	995·9	996·1	996·1	996·7	997·0	997·4	997·7	997·8	997·8	996·2
8	997·8	997·8	997·6	997·6	997·7	998·1	998·8	998·7	998·6	998·5	998·2	997·9	997·9	998·0	998·0	998·1	997·8	997·9	998·3	998·5	998·8	998·8	998·7	998·9	998·2
9	999·0	999·0	999·1	999·1	999·2	999·2	999·0	999·2	999·2	999·3	999·5	999·5	999·4	999·3	999·2	999·3	999·2	999·2	999·4	999·6	999·9	000·4	000·8	001·2	999·4
10	001·4	001·5	001·6	001·8	002·1	002·1	002·1	002·1	002·2	002·4	002·4	002·2	002·1	002·1	001·9	001·6	001·3	001·2	001·5	001·8	001·9	002·2	002·3	002·2	**001·9**
11	001·8	001·4	001·2	000·7	000·8	000·5	000·3	000·0	999·6	999·5	999·1	998·7	998·2	997·9	997·5	997·3	997·3	997·1	997·3	997·2	997·3	997·4	997·5	997·2	999·0
12	996·9	996·6	996·3	996·5	996·4	996·5	996·6	996·2	995·8	995·7	995·6	995·4	995·1	994·9	994·5	994·1	994·0	994·0	993·7	993·7	994·0	994·2	994·3	994·1	995·3
13	993·9	993·4	993·2	992·9	992·8	992·5	992·2	991·8	991·5	991·5	991·7	991·4	990·9	990·5	990·0	989·4	989·0	988·5	988·5	988·4	988·4	988·9	988·9	988·7	990·9
14	988·4	988·4	988·8	988·9	989·2	989·8	990·1	990·3	990·7	990·7	990·6	990·7	990·6	990·6	990·7	990·5	990·3	990·4	990·1	990·3	990·6	990·5	990·7	990·6	990·1
15	990·7	990·9	990·3	990·1	990·3	990·5	990·3	990·1	989·8	989·6	989·3	988·9	988·6	988·3	988·2	987·9	987·6	987·5	987·2	987·0	987·0	987·1	987·1	986·7	988·9
16	986·2	986·1	986·1	986·0	985·7	985·5	985·7	986·2	986·6	986·3	986·4	986·2	986·2	986·1	985·9	984·9	984·9	984·9	985·9	986·4	986·6	987·3	987·6	987·6	986·1
17	987·6	988·1	987·8	988·5	988·9	989·5	990·2	990·5	991·0	991·0	991·4	991·6	991·5	991·6	991·4	991·4	991·3	991·3	991·5	991·5	991·4	991·4	991·2	991·0	990·5
18	991·3	991·0	990·4	990·7	991·0	991·5	991·9	992·2	991·6	992·2	992·3	992·7	992·5	992·7	992·6	992·4	992·4	992·4	992·6	992·9	993·3	993·6	993·8	993·5	992·2
19	993·3	993·1	993·0	993·0	992·9	992·8	992·6	992·7	992·3	991·8	991·5	991·4	991·0	991·0	990·8	990·3	989·8	989·9	989·9	989·8	990·c	989·7	989·3	989·4	991·4
20	989·2	988·7	988·5	987·9	987·6	987·4	987·2	987·1	987·0	987·1	986·9	987·0	986·8	986·8	986·5	986·2	985·9	985·8	986·1	986·1	986·1	986·2	985·9	986·1	987·0
21	985·8	985·3	985·1	984·7	984·6	984·4	984·5	984·5	984·4	984·2	984·4	985·2	985·3	985·3	985·4	985·5	985·6	985·7	986·1	986·5	987·1	987·3	987·6	987·9	**985·5**
22	987·9	988·1	988·1	988·3	988·6	988·7	988·9	989·2	989·1	989·5	989·5	989·9	990·0	990·1	990·0	990·1	990·2	990·3	991·2	991·6	991·9	992·2	992·1	992·2	989·8
23	992·3	992·4	992·1	992·1	992·0	992·0	992·1	992·0	991·8	991·9	992·0	992·2	992·2	992·2	992·0	991·9	991·7	991·7	992·4	993·0	993·4	993·4	993·3	992·9	992·3
24	992·6	992·6	992·4	992·1	992·0	992·0	991·8	991·7	991·2	991·3	991·4	991·3	991·2	991·0	991·1	991·2	991·4	991·7	992·3	992·4	992·6	992·7	992·7	992·6	991·9
25	992·5	992·2	991·8	991·5	991·2	991·1	991·1	991·2	991·1	990·9	990·9	990·9	990·9	990·6	990·5	990·1	989·9	990·0	990·4	990·8	990·9	991·0	990·7	990·3	991·0
26	989·8	989·6	989·0	988·5	988·4	987·5	987·5	987·2	987·1	986·8	987·0	987·2	987·2	987·2	987·2	987·2	987·2	987·2	987·5	987·5	987·6	987·8	988·0	988·2	987·8
27	988·5	988·9	988·9	989·2	989·3	989·7	990·3	990·6	990·9	990·8	991·2	991·2	990·9	990·8	990·8	991·1	991·2	991·2	991·6	991·8	992·3	992·7	992·7	992·7	990·7
28	992·7	992·9	992·9	993·0	993·1	993·2	993·2	993·2	993·2	993·2	993·0	992·8	993·0	993·1	993·0	993·1	993·0	992·9	992·9	993·0	993·0	993·1	993·0	992·8	993·0
29	992·6	992·6	992·3	992·3	992·3	992·3	992·1	991·9	991·6	991·2	990·9	990·7	990·4	990·3	990·1	990·2	990·0	989·9	990·0	990·0	990·1	990·0	989·8	989·7	991·0
30	989·7	989·6	989·7	989·6	989·8	990·0	990·3	990·3	990·2	990·5	990·7	990·5	990·4	990·3	990·3	990·2	990·0	989·9	990·1	990·4	990·5	990·3	990·3	990·0	990·1
Mean ... (Station level)	991·99	991·92	991·77	991·77	991·84	991·88	991·97	991·99	991·93	991·91	991·90	991· 94	991·82	991·76	991·63	991·52	991·42	**991·41**	991·66	991·84	992·07	992·24	**992·27**	992·22	991·86
Mean ... (Sea level) ...	1020·90	1020·84	1020·74	1020·77	1020·77	1020·66	1020·61	1020·48	1020·30	1020·23	1020·15	1020·14	1019·97	1019·88	1019·73	1019·63	**1019·56**	1019·63	1020·00	1020·33	1020·72	1020·99	1021·05	**1021·09**	1020·38
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

119. Eskdalemuir : H_b (height of barometer cistern above M.S.L.) = 237·3 metres. **July, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	989·9	989·5	989·6	989·6	989·5	989·5	989·4	989·3	989·4	989·0	988·7	988·4	988·0	987·5	987·1	986·4	986·0	985·7	985·6	986·0	986·4	986·4	986·3	986·0	988·0
2	985·8	985·6	985·3	985·3	985·0	984·8	984·7	984·4	984·0	983·7	983·0	982·6	982·4	981·9	981·6	981·3	981·3	981·3	981·9	982·4	982·7	982·8	982·2	982·1	983·3
3	982·0	982·3	082·0	982·0	982·1	982·2	982·2	982·2	982·3	982·1	982·3	982·5	982·7	982·8	982·9	983·0	983·0	983·4	984·1	984·4	985·0	985·5	985·5	985·5	983·0
4	985·6	985·2	985·0	985·0	985·1	985·3	985·4	985·6	985·4	985·1	985·0	984·7	984·7	984·5	984·4	984·1	984·1	984·3	984·6	984·8	985·3	985·5	985·5	985·6	985·0
5	985·4	985·5	985·4	985·2	985·4	985·4	985·7	985·6	985·7	985·6	985·6	985·5	985·2	985·0	985·1	985·0	985·0	985·0	984·9	985·0	985·2	985·2	985·2	985·2	985·3
6	984·8	984·8	984·8	984·5	984·3	984·3	984·1	984·1	984·1	983·8	983·5	983·2	983·0	983·0	983·0	982·3	982·1	981·9	981·8	981·6	981·8	981·8	982·3	982·2	983·3
7	982·5	982·3	982·5	983·1	983·5	983·7	984·1	984·3	985·0	986·1	986·3	987·0	987·6	988·4	988·9	989·5	990·2	990·9	991·6	992·0	992·4	992·5	992·6	992·7	987·3
8	992·5	992·4	992·4	992·4	992·5	992·8	992·6	992·7	992·6	992·4	992·5	992·6	992·6	992·5	992·4	992·3	992·3	992·4	992·4	992·5	992·7	992·6	992·7	992·5	992·5
9	992·3	992·1	992·2	992·0	991·9	992·0	992·0	991·7	991·5	991·7	991·6	991·4	991·1	990·9	990·7	990·5	990·3	990·0	989·3	989·0	988·5	988·3	987·5	986·7	990·8
10	985·9	985·6	984·9	985·0	984·8	985·4	986·0	987·0	987·5	987·5	988·4	988·9	989·2	990·0	990·8	991·0	991·2	991·3	992·0	992·2	993·0	993·4	993·8	994·0	989·0
11	994·4	994·5	994·2	994·3	994·7	994·7	995·3	995·8	996·2	995·9	996·2	996·5	996·6	996·8	997·0	997·1	997·0	997·0	997·3	997·7	998·1	997·9	997·8	997·7	996·2
12	998·0	997·9	998·0	997·9	997·9	997·9	998·0	998·1	998·0	997·9	997·6	997·5	997·5	997·4	997·3	997·3	997·3	997·3	997·7	997·8	998·0	998·2	998·3	998·1	**997·8**
13	998·0	998·0	998·0	997·8	998·0	998·1	998·1	998·1	998·0	998·0	997·6	997·3	997·0	996·7	996·2	995·9	995·8	995·5	995·6	995·6	995·6	995·6	995·5	995·2	996·9
14	995·0	994·3	993·9	993·7	993·4	993·0	992·7	992·3	991·6	991·2	991·0	990·8	991·0	990·5	990·2	989·8	989·5	989·3	989·4	989·3	989·4	989·2	989·0	988·5	991·3
15	988·3	988·0	988·2	988·0	987·9	988·0	988·1	988·1	988·4	988·6	988·8	988·9	989·1	989·1	989·3	989·4	989·5	989·4	989·4	989·4	989·5	989·6	989·5	989·0	988·8
16	988·8	988·4	988·3	988·0	987·5	987·1	986·5	986·2	985·8	985·5	985·1	984·7	984·3	984·0	983·7	983·9	983·8	983·7	983·7	983·7	983·8	983·7	983·7	983·7	985·4
17	983·5	983·1	982·9	982·7	982·7	982·5	982·4	982·2	981·7	981·5	980·9	980·3	980·1	979·6	978·8	977·8	977·1	977·1	976·7	976·7	976·2	975·6	975·1	974·4	979·8
18	973·7	973·0	972·3	971·4	971·1	971·1	971·8	971·7	971·6	971·6	971·8	972·1	972·2	972·4	972·4	973·0	973·7	973·7	974·0	974·5	975·7	976·1	976·5	977·0	973·0
19	977·1	977·6	977·7	978·4	978·9	979·1	979·5	979·8	980·0	980·1	980·3	980·5	980·5	980·6	980·8	981·1	981·4	981·7	982·5	983·2	984·2	985·0	984·9	985·5	980·7
20	985·8	986·1	986·2	986·6	987·0	987·7	987·6	988·1	988·1	988·0	988·2	988·0	988·4	988·5	988·5	988·3	988·5	988·6	988·6	988·9	988·9	989·2	989·2	989·4	987·9
21	989·3	989·2	989·2	989·6	990·1	990·7	990·9	990·9	991·5	991·5	991·5	991·4	991·5	991·7	991·9	991·7	991·8	991·9	992·0	992·4	993·2	993·6	993·8	993·7	991·4
22	993·0	993·2	993·2	993·2	992·7	992·8	992·7	992·0	992·0	992·1	991·9	992·0	990·6	989·9	989·2	988·8	988·2	987·8	987·6	987·5	988·5	988·3	987·9	988·0	990·7
23	987·3	987·0	987·3	987·0	986·4	986·7	986·9	987·1	987·0	987·2	987·4	987·6	987·4	987·7	987·7	987·7	988·1	988·3	988·6	988·9	990·0	990·6	990·7	990·6	987·9
24	990·0	990·2	991·0	991·0	990·6	990·1	990·4	991·4	991·4	991·4	991·2	991·1	990·8	990·3	989·9	989·2	989·0	989·5	989·7	989·5	989·1	989·1	989·0	988·1	990·2
25	987·8	987·1	986·4	986·0	985·4	985·1	984·6	984·1	983·6	983·8	982·7	982·1	981·6	981·0	980·3	979·5	978·7	978·6	977·9	977·5	977·0	976·4	976·2	975·3	981·9
26	974·5	974·0	973·5	973·1	972·1	972·1	971·9	971·6	971·3	971·0	970·9	970·4	970·5	969·9	969·0	969·3	969·4	969·3	969·2	968·6	969·0	969·1	969·2	969·0	970·9
27	969·1	969·2	969·3	969·5	969·6	970·0	970·2	070·1	970·1	970·0	970·2	970·1	970·1	969·9	969·8	969·8	970·0	970·2	970·5	970·8	971·2	971·1	971·1	971·6	**970·1**
28	971·5	971·5	971·7	971·7	972·0	972·2	972·4	972·7	972·7	973·0	973·4	973·7	974·0	974·2	974·3	975·1	975·4	975·9	976·3	976·6	976·9	977·1	977·3	977·4	974·0
29	977·3	977·4	977·5	977·4	977·2	977·2	977·5	977·8	977·8	977·8	977·8	977·6	977·5	977·3	977·2	977·1	976·8	976·9	976·9	976·9	976·9	976·9	976·8	976·7	977·3
30	976·4	976·1	975·9	975·9	976·0	976·3	976·3	976·4	976·6	976·5	976·4	976·5	976·4	976·4	976·4	976·4	976·4	976·4	976·8	977·0	977·2	977·5	977·4	977·2	976·5
31	977·0	976·8	976·6	976·7	976·7	976·5	976·7	976·9	977·2	977·2	977·5	977·6	977·6	977·9	978·0	978·2	978·3	978·5	978·6	979·0	979·4	980·0	980·1	979·9	977·8
Mean ... (Station level)	985·24	985·09	985·01	984·97	984·91	984·98	985·05	985·11	985·10	985·06	985·01	984·95	984·88	984·78	984·67	984·58	**984·55**	984·61	984·75	984·88	985·19	**985·28**	985·25	985·11	984·97
Mean ... (Sea level) ...	**1013·74**	1013·59	1013·56	1013·53	1013·44	1013·42	1013·37	1013·29	1013·18	1013·05	1012·95	1012·83	1012·74	1012·59	1012·50	**1012·44**	1012·46	1012·59	1012·82	1013·07	1013·50	1013·66	1013·68	1013·58	1013·16

120. Eskdalemuir : H_b = 237·3 metres. **August, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	980·4	980·5	980·4	980·2	980·0	979·7	979·9	979·9	979·7	979·4	978·9	978·5	978·4	978·2	978·3	978·0	978·2	978·4	978·7	978·9	979·2	979·3	979·4	979·3	979·3
2	979·4	979·5	979·7	979·9	980·3	980·6	981·0	981·4	981·7	981·9	982·3	982·6	983·0	983·3	983·5	983·6	984·2	984·3	984·5	984·6	985·1	985·1	985·1	985·1	982·5
3	985·1	985·2	985·4	985·3	985·3	985·3	985·3	985·5	985·2	985·0	984·9	984·4	984·0	984·1	983·5	982·9	982·8	982·9	983·0	983·1	983·2	983·3	983·3	983·1	984·3
4	982·9	982·6	982·7	982·8	982·9	983·0	983·3	983·1	983·0	982·7	982·4	982·1	982·0	981·7	981·3	981·1	980·7	980·6	980·2	980·2	980·4	979·8	979·7	979·6	981·8
5	997·4	979·3	978·9	978·6	978·3	978·3	978·3	978·0	978·1	977·6	977·5	977·3	977·4	977·4	977·5	977·2	977·3	977·2	977·1	977·3	977·2	977·1	977·1	976·9	977·8
6	976·6	976·3	976·0	975·7	975·7	976·1	976·4	976·9	977·2	977·5	978·0	978·2	978·6	979·4	979·7	980·0	980·6	981·0	982·1	982·7	983·5	983·9	984·1	984·2	979·0
7	983·9	984·0	984·1	984·1	983·7	984·0	983·8	983·6	983·6	983·5	983·6	983·6	983·8	983·5	983·5	983·5	983·5	983·5	983·9	984·0	984·4	984·4	984·5	984·3	983·8
8	984·2	984·4	984·3	984·4	984·3	984·5	984·5	984·6	984·9	985·0	985·4	985·7	985·7	985·5	985·3	985·4	985 6	985·8	985·3	984·9	984·9	984·1	983·5	982·4	984·8
9	981·4	980·6	979·5	978·3	977·1	976·3	975·9	975·8	975·8	975·5	975·6	975·9	976·3	977·0	977·4	977·2	977·8	978·6	978·9	979·5	980·2	980·1	980·2	980·1	978·0
10	979·8	979·4	979·4	979·3	979·3	979·6	979·8	979·9	979·7	979·5	979·3	979·4	979·3	978·7	978·5	978·1	978·1	978·2	978·5	978·7	979·1	979·3	979·4	979·4	979·2
11	979·9	979·9	980·2	980·6	980·9	981·5	982·1	982·5	982·8	983·1	983·4	983·8	983·9	984·1	984·7	984·7	984·8	985·0	985·4	985·5	985·6	985·7	984·9	984·5	983·2
12	983·9	983·2	982·4	982·0	981·1	980·6	980·6	980·6	980·5	980·4	980·2	980·1	980·5	980·2	980·4	980·1	980·3	980·3	980·3	980·5	981·1	981·4	981·7	982·3	981·1
13	982·4	982·5	983·0	983·3	984·0	984·7	985·3	985·8	986·2	986·7	987·3	987·7	988·3	989·0	989·2	989·6	990·3	991·1	991·7	992·5	993·3	994·7	995·2	995·5	988·0
14	995·9	996·3	996·6	997·0	997·0	997·5	998·0	998·7	998·9	998·9	998·8	999·1	998·9	998·8	998·9	998·9	999·1	999·2	999·8	999·9	000·4	000·5	006·0	000·6	998·6
15	000·6	000·7	000·5	000·4	000·4	000·3	000·3	000·3	999·8	999·9	999·8	999·4	999·2	999·0	998·9	998·5	998·2	998·1	998·0	997·7	997·9	997·9	998·0	997·9	**999·3**
16	997·9	997·8	997·6	997·6	997·5	997·6	997·6	997·4	997·1	997·0	996·8	996·6	996·3	995·6	995·4	995·1	995·0	994·7	994·5	994·6	994·6	994·5	994·2	993·7	996·2
17	993·5	993·1	993·1	992·8	992·6	992·5	992·5	992·2	992·0	991·8	991·3	991·0	990·7	990·2	989·7	989·3	989·1	989·0	989·0	989·1	989·1	989·0	988·8	988·9	990·9
18	988·6	988·3	987·9	987·5	987·4	987·5	987·6	987·7	987·7	987·8	987·5	987·2	987·1	986·8	986·4	986·3	986·2	986·1	986·2	986·3	986·3	985·9	986·0	985·8	987·1
19	985·5	985·2	984·8	984·7	984·6	984·4	984·3	984·6	984·8	984·7	984·6	984·4	984·3	984·2	983·9	983·7	983·6	983·6	983·7	984·0	984·1	984·1	984·1	984·0	984·4
20	983·9	983·6	983·5	983·3	983·2	983·1	983·1	983·1	982·8	982·5	982·2	982·0	981·6	981·2	980·7	980·1	979·7	979·5	979·4	979·4	979·3	978·8	978·5	977·9	981·5
21	977·4	977·0	976·7	976·4	976·3	975·9	975·8	975·4	975·5	975·2	975·1	974·9	974·8	974·6	974·6	974·3	974·4	974·7	974·9	975·4	975·9	975·9	976·1	976·2	**975·6**
22	976·2	976·3	976·2	976·4	976·5	976·8	977·2	977·1	977·1	976·9	977·0	977·1	976·9	976·8	976·7	976·0	974·7	975·5	975·2	975·5	975·6	975·1	974·8	974·4	976·2
23	974·5	974·5	974·6	974·5	974·6	975·0	975·2	975·6	975·6	975·7	975·5	975·3	975·5	976·1	976·1	975·9	976·1	976·2	976·3	977·0	977·2	977·3	977·4	977·2	975·7
24	977·1	977·4	977·2	977·2	977·4	977·5	977·6	977·7	977·7	977·5	977·3	977·6	977·6	977·5	977·6	977·8	978·1	978·6	979·2	979·7	980·2	980·6	980·8	981·1	978·2
25	981·5	981·9	982·3	982·6	983·1	983·7	984·4	985·0	985·3	985·5	985·8	985·9	986·3	986·6	986·5	986·5	986·7	986·8	986·8	987·6	987·9	988·1	988·0	987·9	985·4
26	988·0	987·4	987·3	987·0	986·3	986·2	986·0	985·5	985·3	984·7	984·0	983·5	983·7	983·7	983·7	983·4	983·2	983·4	983·8	984·5	984·8	985·1	985·0	985·0	985·1
27	984·9	984·3	984·1	984·2	984·1	984·2	984·5	984·4	984·6	984·7	984·5	984·7	984·8	984·9	985·2	985·8	986·1	986·4	987·0	987·7	987·8	988·1	988·5	988·5	985·5
28	988·7	989·4	989·5	989·7	990·0	990·2	990·5	990·7	990·6	990·3	990·2	989·9	989·4	989·4	989·2	988·6	988·1	987·7	987·2	987·1	986·8	987·0	987·1	987·3	989·0
29	987·1	987·3	987·6	987·4	987·5	987·9	988·0	988·4	988·3	988·1	988·2	988·4	989·9	990·6	991·5	991·6	992·4	993·5	993·5	993·5	994·7	995·8	995·9	996·4	990·4
30	996·4	996·5	996·6	996·5	997·0	997·6	997·7	997·7	997·8	997·2	997·1	997·6	996·6	996·0	995·8	995·2	994·5	994·0	993·7	993·5	993·1	992·4	992·7	992·6	995·7
31	992·1	992·1	992·0	991·9	991·7	991·6	991·5	991·0	991·2	991·1	990·8	990·7	990·3	989·4	989·3	989·2	988·1	987·6	987·9	987·8	987·7	986·9	987·6	988·0	990·0
Mean ... (Station level)	984·81	984·73	984·65	984·57	984·52	984·64	984·77	984·84	984·85	984·75	984·69	984·64	984·69	984·63	984·61	**984·44**	984·47	984·56	984·70	984·93	985·18	985·20	**985·23**	985·16	984·76
Mean (Sea level) ...	1013·35	1013·30	1013·24	1013·17	1013·13	1013·19	1013·23	1013·25	1013·07	1012·91	1012·79	1012·68	1012·71	1012·63	1012·63	**1012·46**	1012·53	1012·69	1012·91	1013·25	1013·58	1013·64	**1013·72**	1013·70	1013·07
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE. When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

121. Eskdalemuir : H_b (height of barometer cistern above M.S.L.) = 237·3 metres. **September, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	987·6	987·3	986·7	986·2	986·4	986·2	986·3	986·4	986·6	986·6	986·5	986·0	986·0	985·5	985·5	985·9	985·4	985·0	985·6	985·8	985·8	985·7	985·9	986·2	986·2
2	986·4	986·4	986·4	986·6	987·1	987·1	986·8	986·4	987·1	987·6	987·5	987·2	986·7	985·8	985·0	984·5	983·3	983·0	982·7	982·5	981·7	980·8	980·5	979·5	985·1
3	979·1	978·5	978·9	979·0	979·9	980·6	981·2	982·3	983·2	983·7	983·8	984·4	984·6	985·0	985·0	985·2	985·6	985·9	986·8	987·4	987·8	987·6	987·7	987·3	983·6
4	987·5	987·1	986·5	985·7	985·0	984·7	984·6	985·4	986·8	987·1	987·1	987·8	987·6	987·3	987·2	987·3	986·9	987·0	987·3	987·4	987·5	987·3	987·1	987·0	986·8
5	986·0	985·9	985·7	984·9	984·3	983·9	983·7	983·5	983·3	982·7	982·7	982·4	982·3	982·3	982·5	982·5	982·6	983·0	983·2	983·5	983·6	983·7	983·7	983·6	983·6
6	983·6	983·6	983·8	984·0	984·6	985·5	985·8	986·5	987·4	988·0	988·4	988·6	988·9	989·0	989·1	989·2	989·1	989·1	989·7	990·2	990·4	990·7	990·9	990·8	987·6
7	990·7	991·0	990·6	990·2	990·2	990·3	990·2	989·9	989·8	990·0	989·4	989·0	988·5	988·3	987·7	987·3	987·1	986·8	986·8	986·5	986·3	986·1	985·9	985·6	988·6
8	985·6	985·4	985·1	984·9	985·3	985·8	986·0	986·3	986·4	986·4	986·2	986·0	985·8	985·4	985·0	984·4	984·6	984·3	984·1	984·3	984·0	983·5	983·7	983·3	985·1
9	982·5	981·8	981·1	980·3	979·6	978·8	978·4	977·7	976·7	975·5	974·8	974·2	974·1	974·0	973·5	973·3	973·4	972·9	972·9	973·2	974·7	975·5	975·6	976·4	976·4
10	976·9	978·0	978·5	878·8	979·4	980·0	980·5	981·0	981·5	981·9	981·9	982·0	982·1	982·2	982·5	983·0	983·3	984·1	984·9	985·7	986·3	986·7	987·2	987·9	982·1
11	988·0	988·4	988·9	989·0	989·3	989·7	990·2	990·5	990·9	991·2	991·3	991·6	991·5	991·5	991·2	991·2	991·5	991·7	992·1	992·4	992·7	993·1	993·4	993·6	990·9
12	993·7	993·4	993·4	993·4	993·6	993·9	994·4	994·6	994·9	994·9	995·0	995·4	995·5	995·6	995·6	995·6	995·6	996·0	996·6	997·3	997·4	997·7	997·7	997·8	995·3
13	997·7	997·8	998·0	998·0	998·2	998·4	998·7	998·8	998·9	998·9	998·8	998·9	998·6	998·2	997·9	997·8	997·5	997·4	997·7	997·6	997·5	997·2	997·0	997·0	**998·0**
14	996·8	996·4	996·1	995·9	995·6	995·9	995·9	996·1	996·1	995·9	995·8	995·8	995·9	995·7	995·6	995·5	995·8	995·7	995·9	995·9	995·7	995·6	995·3	995·2	995·9
15	995·0	994·6	994·1	993·9	993·8	993·6	993·5	993·3	993·0	992·2	991·7	991·1	990·2	989·3	988·7	987·7	987·1	986·3	985·9	985·4	985·0	984·6	983·9	983·0	990·1
16	982·0	981·6	981·4	980·7	980·6	980·9	980·9	981·1	981·4	981·7	981·6	982·0	982·2	982·2	982·4	982·9	983·2	983·7	984·1	984·5	984·6	985·2	985·3	985·0	982·5
17	984·8	984·7	984·7	984·6	984·6	984·3	984·1	983·6	983·6	983·3	982·6	982·4	981·8	981·9	981·7	981·2	981·0	980·6	980·3	979·9	979·5	979·3	979·1	979·7	982·3
18	978·6	978·4	978·2	978·3	978·6	979·2	979·9	980·3	980·9	980·8	981·0	981·4	981·5	981·4	981·0	980·8	980·6	980·6	980·6	980·5	980·2	980·1	979·8	979·3	980·1
19	979·0	978·6	978·1	977·5	976·8	976·4	976·0	975·8	975·2	973·9	973·1	972·3	971·0	969·6	968·1	966·6	965·3	964·3	962·9	961·8	961·0	960·7	960·0	959·8	970·6
20	959·7	959·9	960·2	961·0	962·0	963·2	964·4	965·6	966·6	967·0	967·3	967·5	967·7	967·7	967·2	967·7	967·9	967·9	968·0	968·1	968·2	968·0	967·6	967·4	965·6
21	967·2	966·7	966·3	966·1	965·8	966·0	965·8	966·1	966·5	966·6	966·6	966·7	966·9	967·5	967·8	968·3	969·3	969·8	970·4	971·0	971·3	971·5	971·4	971·3	968·0
22	970·7	970·4	969·9	969·0	968·5	968·4	967·9	967·3	966·1	965·4	964·5	963·0	961·9	960·8	959·8	958·2	957·4	956·2	955·6	955·2	954·3	954·4	954·6	955·1	**962·6**
23	955·9	956·7	957·3	958·2	959·4	960·4	961·5	962·0	962·9	963·7	964·5	965·2	966·1	966·6	967·3	968·0	968·7	969·5	970·8	972·3	973·2	973·6	974·1	974·6	965·1
24	975·2	975·2	975·7	976·3	976·4	977·4	978·1	978·7	979·3	979·9	980·4	979·7	980·4	980·5	980·6	981·6	981·9	982·4	982·8	982·8	983·3	983·2	983·4	983·7	979·8
25	984·1	984·0	984·0	983·9	983·9	984·3	984·4	984·5	984·4	983·8	983·2	983·0	982·4	981·9	981·4	980·4	979·4	978·4	977·5	976·6	975·7	975·1	974·8	974·8	981·3
26	975·0	976·1	976·6	977·3	977·7	978·3	978·6	979·5	979·9	980·2	980·5	980·7	981·3	981·7	982·0	983·3	984·1	985·5	987·2	988·1	989·2	990·2	990·6	991·1	981·9
27	992·0	992·6	992·8	993·2	993·5	994·1	994·5	994·9	995·5	996·0	996·1	996·4	996·9	996·9	997·0	997·0	997·0	997·6	997·9	997·8	997·3	997·2	997·3	996·4	995·6
28	996·2	995·5	994·9	994·4	994·0	993·8	993·6	993·7	994·0	993·9	993·7	993·4	993·1	992·8	992·5	991·9	991·7	991·4	991·3	991·1	990·9	990·5	989·8	989·6	993·0
29	988·9	988·7	989·4	989·1	988·9	988·9	989·0	989·1	989·4	989·6	989·7	990·1	990·5	990·8	991·1	991·6	992·0	992·6	993·0	993·1	993·6	993·9	994·1	994·4	990·8
30	994·4	994·3	994·2	994·3	994·7	995·1	995·9	995·7	996·2	996·3	996·2	996·3	996·6	996·6	997·2	997·4	997·7	998·3	999·1	999·2	999·7	000·0	000·5	000·6	996·8
Mean (Station level)	983·36	983·30	983·25	**983·16**	983·26	983·50	983·68	983·89	984·15	**984·16**	984·06	984·02	983·95	983·80	983·64	983·58	983·53	983·57	983·79	983·90	983·95	983·96	983·93	983·90	983·71
Mean (Sea level)	1012·19	1012·03	1012·10	1012·03	1012·14	1012·37	1012·52	1012·62	1012·77	1012·67	1012·50	1012·43	1012·34	1012·16	**1011·98**	1011·98	1012·01	1012·17	1012·50	1012·66	1012·75	**1012·78**	1012·76	1012·75	1012·38

122. Eskdalemuir : H_b = 237·3 metres. **October, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	000·6	000·7	000·9	000·9	001·3	001·5	001·9	002·6	002·9	003·1	002·9	002·9	002·6	002·6	002·6	002·5	002·7	002·7	003·3	003·3	003·1	002·7	002·5	002·6	002·3
2	002·1	002·3	001·8	001·9	001·7	001·8	001·9	001·9	001·9	002·4	002·2	002·0	001·6	001·2	000·5	000·3	999·9	000·0	999·8	000·0	999·9	999·4	999·0	998·4	001·1
3	998·2	997·8	997·2	996·6	995·7	995·2	994·7	994·8	994·6	994·6	994·1	993·7	993·8	994·1	994·3	994·4	994·1	994·5	995·0	995·2	995·7	995·6	995·9	996·2	995·3
4	996·5	997·0	997·4	997·8	998·1	998·5	999·3	000·0	000·6	001·2	001·3	001·3	001·3	001·1	000·9	000·9	000·8	000·9	001·3	001·6	001·7	001·8	001·7	001·6	000·1
5	001·8	002·0	001·5	001·1	000·9	000·6	000·9	001·3	001·9	002·2	002·0	001·6	001·0	000·5	000·3	000·2	000·3	000·4	000·3	000·1	999·7	999·4	999·0	998·7	000·8
6	998·2	997·8	997·1	996·7	996·4	996·0	995·8	995·9	995·9	995·5	995·4	995·2	994·7	994·0	993·6	993·2	993·1	993·0	993·1	993·0	993·3	993·4	993·2	993·1	995·0
7	992·7	992·4	992·5	992·5	993·2	993·8	994·0	995·2	996·1	996·8	996·9	997·3	997·5	997·6	997·9	998·2	998·6	999·3	999·9	000·1	000·3	000·8	001·1	001·0	996·7
8	001·2	001·4	002·0	002·0	002·1	002·7	003·0	003·4	003·9	004·2	004·0	004·0	004·0	003·9	003·7	003·9	003·9	004·3	004·9	005·2	005·4	005·6	005·5	005·5	003·6
9	005·5	005·3	005·1	005·1	005·0	004·9	004·9	004·6	004·4	004·5	004·3	004·3	003·8	003·3	003·0	002·8	002·5	002·7	002·7	002·6	002·3	002·2	001·8	001·7	**003·8**
10	001·5	001·1	000·4	000·2	999·8	999·6	999·2	999·0	998·9	998·9	998·6	998·2	997·5	996·7	996·4	995·9	995·7	995·6	995·6	995·7	995·6	995·3	995·3	995·0	997·9
11	995·0	994·6	994·3	994·3	994·1	994·2	994·2	994·3	994·0	993·9	993·6	993·4	993·0	992·1	991·7	991·2	990·7	990·8	990·5	990·1	989·8	989·1	988·0	988·6	992·4
12	988·2	987·7	988·0	987·7	987·7	988·0	988·3	988·5	988·8	988·8	988·6	988·5	988·3	988·0	987·9	987·4	987·4	987·5	987·2	986·9	986·3	985·7	985·1	984·5	987·6
13	983·8	983·3	982·8	982·4	981·8	981·8	981·8	981·9	981·7	981·5	981·5	981·0	981·2	980·8	980·9	980·8	980·9	981·9	982·5	982·6	982·6	982·5	983·0	982·8	982·0
14	982·9	983·1	982·7	982·8	983·3	983·9	984·3	984·6	984·8	985·6	986·4	987·5	987·1	987·1	987·2	987·3	987·5	987·8	987·9	988·0	987·6	987·8	987·7	987·8	985·8
15	987·6	987·4	987·5	987·3	987·5	987·7	988·2	988·5	988·6	988·6	988·8	988·8	988·5	988·5	988·3	988·3	988·3	988·4	988·5	988·6	988·5	988·7	988·7	989·0	988·3
16	989·3	989·0	989·1	989·4	990·0	990·4	990·8	990·9	991·2	991·0	991·2	991·4	991·2	990·9	990·9	990·5	990·7	990·8	990·5	990·2	989·8	989·3	988·5	987·9	990·2
17	987·3	985·4	984·1	982·5	980·4	977·9	976·2	974·5	973·0	972·6	974·0	974·3	974·7	947·7	975·8	976·1	976·0	976·5	976·4	976·0	975·4	975·1	974·4	974·8	977·3
18	975·4	975·5	975·4	974·6	976·2	978·1	977·7	979·4	980·3	981·3	982·1	982·9	983·2	983·6	984·1	984·4	985·2	986·0	986·3	986·3	986·7	986·6	986·8	987·2	981·6
19	987·3	987·4	987·2	987·1	987·3	987·7	988·1	988·2	988·4	988·2	988·2	987·9	987·4	987·0	986·7	986·7	986·4	986·1	985·7	985·3	984·7	984·3	983·7	983·1	986·8
20	982·3	981·3	980·0	978·8	977·5	977·0	976·1	976·0	975·3	974·8	973·7	973·1	972·1	971·0	969·8	969·0	968·1	968·1	967·8	967·7	967·7	967·7	967·4	967·1	973·2
21	966·6	966·1	965·1	964·4	963·8	963·6	963·5	963·5	963·7	963·4	963·4	963·3	963·0	962·6	962·3	962·0	961·6	961·1	960·6	959·5	959·3	959·0	958·5	957·8	962·6
22	957·5	956·8	955·6	954·6	953·7	953·0	852·5	952·4	952·0	951·5	951·0	950·6	950·2	949·6	948·8	948·4	947·7	947·3	946·1	945·0	943·6	942·4	941·1	940·2	950·0
23	936·2	935·3	934·8	934·4	934·4	934·4	934·9	935·8	936·1	936·8	937·5	938·1	938·8	939·4	940·2	940·9	941·6	941·9	942·8	943·2	943·6	944·0	944·5	944·8	**938·8**
24	945·0	945·1	945·1	945·3	945·9	946·5	946·9	947·3	947·6	947·8	948·1	948·4	948·8	949·3	949·8	950·5	951·5	952·2	953·2	953·9	954·6	955·5	956·2	957·1	949·4
25	958·0	958·6	959·3	960·4	961·5	962·6	963·5	964·7	965·7	966·3	967·1	968·0	968·6	968·9	969·2	969·5	969·9	970·7	971·1	971·1	971·1	971·1	970·8	970·5	966·3
26	971·1	970·4	969·4	969·0	968·4	967·6	967·0	966·3	965·2	964·0	962·2	959·9	957·7	955·6	955·8	957·3	958·8	960·1	960·4	960·6	960·4	960·0	959·1	958·2	962·9
27	958·2	957·7	957·2	956·9	956·5	956·3	956·7	957·0	956·5	956·2	956·1	955·3	955·5	956·2	957·7	959·3	961·1	962·8	964·3	964·6	967·4	969·1	970·0	971·0	959·7
28	971·9	972·8	973·9	974·7	975·3	975·9	976·7	977·3	977·9	978·2	978·5	978·6	978·4	978·5	978·2	977·9	977·4	977·0	975·9	974·8	973·9	972·8	971·9	971·5	975·8
29	971·3	971·1	971·2	971·7	972·7	973·0	973·9	974·2	974·9	975·0	974·9	974·7	974·3	974·6	973·2	973·3	973·6	973·9	973·7	973·8	974·1	974·1	974·1	974·3	973·5
30	974·1	973·9	973·6	973·3	973·4	973·6	973·9	974·0	974·4	974·5	974·6	974·6	974·7	974·8	974·9	975·1	975·3	975·9	976·0	976·0	976·1	976·1	976·2	976·6	974·8
31	977·0	977·1	977·3	977·5	978·3	978·6	979·0	979·5	980·1	980·1	980·5	980·8	981·2	981·4	981·6	981·7	981·9	982·1	982·3	982·4	982·5	982·8	982·7	982·9	980·3
Mean (Station level)	982·07	981·85	981·60	**981·42**	**981·42**	981·50	981·61	981·85	981·98	982·05	982·05	981·99	981·80	981·60	981·55	981·61	981·72	982·01	**982·12**	982·05	982·02	981·93	981·72	981·66	981·81
Mean (Sea level)	**1010·92**	1010·69	1010·46	1010·27	1010·27	1010·37	1010·48	1010·64	1010·67	1010·66	1010·62	1010·48	1010·26	1010·03	**1009·99**	1010·10	1010·31	1010·69	1010·85	1010·81	1010·79	1010·72	1010·53	1010·49	1010·52
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb, the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

123. Eskdalemuir : H_b (height of barometer cistern above M.S.L.) = 237·3 metres. **November, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	982·8	982·4	982·5	981·8	981·8	981·6	981·5	981·0	980·4	979·7	979·1	978·3	977·4	975·9	975·2	974·3	973·2	972·8	971·6	971·1	970·6	970·0	969·8	969·5	977·1
2	969·0	968·6	968·3	968·1	967·6	967·5	967·7	967·9	968·2	968·4	969·3	969·2	969·4	969·7	969·8	970·6	971·2	971·8	972·2	972·5	972·5	972·5	972·4	972·2	969·8
3	971·9	971·6	971·0	970·5	970·2	969·6	969·1	968·8	968·4	967·9	967·6	966·6	966·6	966·3	966·1	966·2	966·5	966·7	967·3	967·5	968·2	969·1	970·0	971·1	968·6
4	972·1	972·8	973·9	974·8	975·6	976·5	977·3	978·1	978·5	978·6	979·1	979·1	979·1	979·2	979·1	978·9	978·7	979·0	978·5	978·2	977·8	977·3	977·1	976·8	977·2
5	976·9	976·8	976·4	976·3	976·5	976·5	977·0	977·4	977·9	978·3	978·7	979·1	979·1	979·4	979·7	980·0	980·5	981·1	981·4	981·5	982·1	982·2	982·6	983·1	979·1
6	983·3	983·4	983·7	983·9	984·1	984·5	984·6	984·6	984·8	984·8	984·9	984·5	984·1	983·5	982·5	981·6	981·0	980·2	979·2	978·3	977·4	976·3	975·0	974·0	982·0
7	973·0	971·7	970·0	968·6	967·4	966·0	965·0	964·4	963·6	962·8	961·8	961·3	960·9	960·4	960·1	960·1	960·0	960·3	960·2	960·5	960·4	960·4	961·1	962·0	**963·7**
8	962·2	962·7	963·1	963·7	964·4	965·0	966·1	967·0	968·1	968·6	969·3	969·9	970·1	970·2	970·4	970·8	971·2	971·4	971·6	971·7	972·1	972·2	972·1	972·1	968·4
9	972·0	972·1	971·9	972·0	971·9	972·1	972·0	972·3	972·5	972·3	972·3	972·1	971·9	971·9	971·9	972·1	972·4	972·8	973·3	973·5	973·9	974·1	974·5	975·1	972 6
10	975·5	975·7	975·9	976·6	977·1	978·0	978·6	979·8	980·5	980·9	981·4	982·0	982·6	983·2	984·1	985·1	986·3	987·2	988·3	989·2	990·3	991·5	992·7	993·6	982·8
11	994·1	994·9	995·4	996·3	997·2	998·0	998·7	999·7	000·3	000·8	000·9	001·3	001·5	001·8	002·0	002·3	002·8	003·1	003·9	004·3	004·3	004·5	004·4	004·3	000·5
12	004·2	004·1	004·1	004·0	004·0	004·1	004·1	004·0	003·8	003·6	003·2	002·7	002·0	001·6	001·1	001·0	001·0	000·9	000·8	000·5	000·2	999·8	999·1	998·7	002·3
13	998·3	998·0	997·4	996·9	996·5	996·3	996·1	996·0	995·7	995·1	994·5	994·0	993·1	992·5	991·6	991·5	991·3	991·2	990·9	990·9	990·6	990·6	990·4	990·2	993·9
14	989·9	989·6	989·2	989·0	988·7	988·6	988·4	988·6	988·7	988·8	988·5	988·6	988·5	988·3	988·1	988·1	988·0	988·1	988·2	988·2	988·4	988·4	988·3	988·2	988·6
15	988·2	988·0	988·0	987·9	987·8	987·6	987·7	988·0	988·4	988·8	988·6	988·5	988·1	988·2	988·2	988·4	988·8	989·1	989·4	990·1	990·1	990·7	991·4	991·7	988·7
16	991·9	992·4	992·5	992·6	993·2	993·5	994·3	995·2	996·1	996·8	997·1	997·5	997·6	997·8	998·1	998·5	999·1	999·9	000·1	000·8	000·9	001·3	001·4	002·0	996·9
17	002·0	002·0	002·3	002·2	002·4	002·4	002·8	003·1	003·5	003·9	004·1	004·0	003·7	003·7	003·7	003·8	004·2	004·8	005·0	005·2	005·4	005·7	005·9	006·1	003·7
18	005·7	005·5	005·1	005·1	005·2	005·7	006·0	006·1	006·4	006·8	006·7	006·6	006·4	006·3	006·4	006·6	006·9	007·0	007·2	006·9	007·0	006·9	006·8	006·3	**006·3**
19	006·2	006·5	006·6	006·5	006·4	006·0	006·1	006·2	006·5	006·5	006·3	005·6	005·1	004·8	004·7	004·7	004·9	004·9	004·8	004·9	004·9	004·8	004·7	004·7	005·6
20	004·5	004·1	004·0	003·8	003·6	003·6	003·7	004·2	004·6	004·7	004·7	004·2	003·5	002·9	002·7	002·7	002·7	002·8	002·8	002·6	002·4	002·2	001·9	001·5	003·4
21	000·9	000·4	000·2	000·0	999·4	999·0	998·7	998·4	998·1	997·8	997·2	996·7	996·2	995·3	994·7	994·3	993·9	993·8	993·1	992·9	992·4	992·2	991·5	991·0	996·4
22	990·3	989·6	989·1	988·3	988·2	988·2	987·9	987·8	987·8	987·8	987·4	986·9	986·6	986·4	986·7	986·7	987·3	987·7	987·9	988·2	988·5	988·9	989·1	989·2	988·1
23	989·3	989·3	989·3	989·6	989·9	990·2	990·5	991·0	991·3	991·9	991·9	991·7	991·8	991·4	991·5	991·8	992·0	992·2	992·6	993·1	993·3	993·5	993·5	993·6	991·4
24	993·7	993·9	993·6	993·6	993·2	992·9	992·4	992·3	991·8	991·5	991·2	990·3	989·4	988·4	987·5	986·7	986·1	985·6	984·6	983·9	983·0	982·3	980·9	980·0	989·0
25	979·7	980·7	981·7	982·3	983·3	984·3	985·1	986·3	987·5	988·1	988·7	988·5	989·0	989·3	989·9	990·2	991·2	991·4	991·5	991·8	991·5	992·1	992·1	992·0	987·6
26	992·0	991·9	991·9	991·6	992·0	992·2	992·3	992·6	993·0	992·9	992·4	991·9	991·5	990·8	990·5	990·4	990·0	989·4	988·7	987·4	986·2	986·4	984·1	982·6	990·4
27	981·6	980·7	979·3	979·5	979·5	979·9	980·6	981·7	982·4	983·1	982·8	982·9	982·9	982·2	982·4	982·1	982·0	982·0	982·0	981·5	981·4	980·7	980·0	979·4	981·4
28	978·8	978·2	977·6	977·2	977·1	976·6	976·8	977·0	977·3	977·5	977·9	978·2	978·2	978·6	978·8	978·9	978·9	979·1	979·0	979·1	979·1	979·4	979·7	979·8	978·2
29	980·2	980·2	980·1	980·2	980·2	980·2	979·6	979·7	979·4	978·6	977·4	976·2	974·7	973·3	972·0	970·8	969·9	968·9	968·4	967·3	966·6	966·6	965·8	965·1	974·5
30	964·9	964·9	964·4	964·3	964·4	964·3	964·3	964·5	964·7	965·0	966·1	966·5	966·5	967·5	969·4	970·6	972·2	973·2	974·0	974·7	975·8	976·9	977·7	978·3	968·7
Mean (Station level)	985·84	985·76	985·62	**985·57**	985·63	985·70	985·83	986·12	986·34	**986·41**	986·37	986·16	985·92	985·69	985·63	985·66	985·81	985·95	985·95	985·94	985·91	985·98	985·87	985·81	985·90
Mean (Sea level)	1015·50	1015·46	1015·32	1015·29	1015·39	1015·45	1015·56	1015·87	**1016·02**	1015·95	1015·79	1015·50	1015·18	1014·93	**1014·92**	1015·06	1015·39	1015·49	1015·54	1015·54	1015·53	1015·62	1015·53	1015·48	1015·47

124. Eskdalemuir : H_b = 237·3 metres. **December, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	979·2	980·1	980·4	981·0	982·2	983·5	983·9	984·4	984·9	985·4	985·5	985·6	985·6	986·0	986·1	986·4	986·8	987·3	987·3	987·6	987·8	988·2	988·7	989·1	984·9
2	989·2	989·4	989·4	989·5	989·6	990·2	990·6	991·1	991·2	991·7	991·7	991·9	992·1	991·9	992·4	992·6	992·8	993·2	993·6	993·9	994·4	994·4	994·8	995·3	991·8
3	995·8	996·3	996·6	996·7	997·0	997·2	997·6	998·1	998·5	999·2	999·5	999·3	999·5	999·6	999·9	000·3	000·8	001·1	001·6	002·2	002·4	002·5	003·1	003·2	999·3
4	003·4	003·6	003·5	003·6	003·7	003·7	003·9	003·9	004·4	004·8	005·1	005·0	004·6	004·5	004·2	004·4	004·3	004·2	004·0	003·8	003·6	003·1	003·0	002·9	**004·0**
5	002·2	001·2	000·7	000·1	999·7	999·4	998·9	998·4	998·0	998·0	997·0	996·5	996·1	995·5	995·3	995·1	994·7	994·7	994·3	994·3	994·0	993·7	993·6	993·2	997·1
6	992·8	992·7	992·3	992·1	991·8	991·2	991·2	991·3	991·4	991·2	990·6	989·9	989·6	988·5	988·5	988·3	988·2	988·1	988·2	987·7	987·4	987·1	986·9	985·7	989·9
7	985·4	985·1	984·2	983·7	983·3	982·7	981·7	981·3	981·1	980·7	980·4	979·3	978·9	977·5	977·0	975·9	974·9	973·6	972·4	971·2	970·2	969·8	969·9	968·7	978·2
8	967·7	967·4	966·7	966·0	965·1	964·3	964·0	963·8	963·6	962·9	962·2	961·2	960·4	961·0	962·0	961·8	961·9	962·0	962·0	962·3	962·9	963·0	963·0	963·1	963·5
9	963·3	963·7	964·0	964·4	964·3	964·2	963·5	963·1	963·2	962·7	961·9	960·9	959·5	958·2	959·1	959·7	960·1	961·0	961·7	962·5	963·6	963·9	964·0	963·9	962·3
10	963·9	964·5	965·0	965·0	966·7	967·1	967·6	968·2	968·6	968·7	968·5	968·9	969·3	969·5	970·6	971·3	972·8	973·5	973·6	974·1	974·8	974·9	975·5	976·4	969·7
11	976·7	977·0	977·6	977·7	977·7	977·7	978·2	978·6	978·4	977·2	977·1	976·7	976·2	975·6	976·0	976·5	977·7	978·3	978·7	979·7	980·7	981·6	982·1	982·1	978·0
12	982·1	982·8	982·9	982·7	983·3	984·1	984·5	985·2	986·1	986·5	986·6	986·8	986·8	986·5	986·4	986·7	987·1	987·1	987·1	987·0	987·0	986·9	986·6	986·3	985·5
13	985·7	985·4	985·0	984·7	984·1	984·0	983·7	983·5	983·3	983·3	983·0	982·7	982·2	982·0	982·1	982·5	982·7	983·1	983·4	983·7	984·2	984·5	984·7	984·8	983·7
14	984·7	984·7	985·0	984·8	984·8	985·3	985·5	985·6	986·2	986·7	986·8	987·6	987·7	987·7	988·0	989·0	989·7	990·6	990·7	991·0	991·4	991·6	991·7	991·8	987·7
15	992·0	992·1	991·8	991·3	990·9	990·1	989·5	989·4	989·1	988·5	988·1	987·2	986·8	987·1	987·7	988·3	988·9	990·2	990·8	991·4	992·4	993·1	993·3	993·8	990·1
16	993·9	994·3	994·6	994·9	994·6	994·4	994·6	994·9	995·5	995·9	995·7	995·2	995·2	994·9	995·2	995·3	995·4	995·4	995·4	995·0	994·8	994·6	994·1	993·6	994·9
17	992·8	991·8	991·8	991·3	990·6	990·0	989·8	989·2	989·6	989·7	989·5	989·4	989·3	989·0	989·5	989·1	989·3	989·1	989·2	988·8	988·4	988·2	988·1	988·0	989·8
18	988·3	988·1	987·6	986·6	986·1	985·4	984·8	984·4	983·8	983·3	981·8	981·8	981·1	980·1	979·7	979·1	978·3	978·0	977·9	978·2	978·0	977·9	977·6	977·4	982·1
19	976·8	976·6	976·4	975·6	975·4	975·0	974·5	973·8	973·7	973·3	073·0	972·4	971·9	971·2	970·6	970·1	969·6	969·2	968·6	967·6	966·9	966·3	965·2	964·7	971·9
20	962·8	961·6	960·0	958·7	957·4	956·4	955·4	954·7	954·1	953·0	952·5	951·2	950·5	949·7	949·2	948·8	948·5	948·1	947·8	947·5	947·2	947·2	946·9	947·0	952·7
21	946·8	947·1	947·0	947·0	947·1	947·3	947·6	948·0	948·9	949·0	949·0	949·4	949·1	949·3	949·7	950·2	950·9	951·3	952·1	952·3	952·9	953·3	953·7	954·4	949·6
22	954·8	955·0	955·5	955·4	955·4	955·6	956·0	956·1	956·8	957·3	957·6	957·1	957·3	956·8	956·8	956·9	957·3	958·1	958·9	959·7	960·3	960·9	962·0	962·9	957·3
23	963·4	964·5	965·4	966·4	966·4	967·1	968·2	968·8	969·6	970·6	970·8	970·7	970·2	970·1	970·3	970·3	970·1	969·4	968·9	968·7	967·7	967·3	96[illegible]·0	967·1	968·2
24	967·1	966·9	967·6	968·1	968·3	969·1	970·5	971·7	973·2	974·0	974·8	975·5	976·2	976·5	976·3	976·7	977·1	977·4	977·9	978·2	978·1	978·2	98[illegible]·1	977·7	973·7 978·1
25	977·2	977·1	977·0	976·2	976·7	975·3	975·0	975·8	975·8	975·2	975·1	974·9	974·5	974·3	973·5	973·5	973·2	972·9	972·1	971·9	971·1	970·3	969·8	969·1	974·2
26	968·1	967·8	967·0	966·4	966·1	966·3	966·7	967·3	967·6	968·3	969·3	969·7	970·2	970·5	970·8	970·4	969·8	968·7	968·4	966·5	965·0	964·9	964·1	964·0	967·8
27	963·9	964·2	964·5	964·3	963·4	963·1	962·6	962·4	962·3	962·4	961·8	961·2	960·8	960·1	959·3	959·1	958·4	958·0	957·8	957·7	957·9	957·8	957·9	957·9	960·9
28	958·1	958·5	958·9	959·5	959·8	960·5	960·8	961·4	962·8	962·3	963·3	962·9	962·1	961·6	960·4	959·8	958·6	958·1	957·8	956·9	956·6	957·4	958·0	957·8	959·7
29	958·3	958·9	958·0	958·3	956·7	955·9	953·2	951·5	950·2	950·6	950·2	950·4	950·5	950·3	949·8	949·1	948·9	947·8	946·9	947·5	946·9	947·1	947·9	947·8	951·6
30	948·2	949·8	950·6	950·9	950·5	949·4	948·7	948·0	947·8	947·1	946·8	947·1	946·4	946·4	945·1	944·5	945·2	946·0	945·5	943·7	941·9	941·3	942·6	946·0	**946·7**
31	948·6	950·9	953·6	955·1	957·2	958·9	961·0	963·3	964·6	966·3	967·8	968·2	969·0	969·5	970·4	971·6	973·0	975·1	977·1	979·5	981·5	983·2	984·5	985·8	967·3
Mean (Station level)	975·26	975·45	975·50	975·42	975·35	975·30	975·28	975·39	975·62	**975·67**	975·61	975·36	975·15	**974·88**	974·90	974·95	975·06	975·18	975·22	975·23	975·23	975·30	975·43	975·53	975·30
Mean (Sea level)	1004·60	1004·79	1004·86	1004·79	1004·72	1004·66	1004·63	1004·75	**1004·98**	1004·96	1004·85	1004·53	10·04 ·28	**1003·98**	1004·05	1004·23	1004·35	1004·49	1004·57	1004·59	1004·59	1004·67	1004·80	1004·89	1004·60
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

PRESSURE AT STATION LEVEL AND AT SEA LEVEL. ANNUAL MEANS OF HOURLY VALUES.

From readings in millibars at exact hours, Greenwich Mean Time.

125. Eskdalemuir : $H_b = 237{\cdot}3$ metres. **1925.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Station Level	mb. 982·99	mb. 982·90	mb. 982·78	mb. 982·70	mb. 982·70	mb. 982·78	mb. 982·89	mb. 983·06	mb. 983·17	mb. 983·16	mb. 983·17	mb. 983·07	mb. 982·94	mb. 982·79	mb. 982·70	mb. **982·65**	mb. 982·69	mn. 982·80	mb. 982·96	mb. 983·13	mb. 983·17	mb. **983·21**	mb. 983·19	mb. 983·13	mb. 982·94
Sea Level	012·04	011·95	011·86	011·78	011·78	011·83	011·91	012·00	012·03	011·96	011·89	011·74	011·57	011·39	**011·31**	011·31	011·41	011·58	011·81	011·96	012·13	012·21	**012·21**	012·17	011·83

PRESSURE AT STATION LEVEL; MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

126. Eskdalemuir : $H_b = 237{\cdot}3$ metres. **1925.**

Month.	Mean.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Jan.	988·06	+0·07	+0·09	+0·04	+0·09	−0·01	+0·05	+0·11	+0·32	**+0·45**	+0·40	+0·30	0·00	−0·29	−0·42	**−0·45**	−0·39	−0·32	−0·21	−0·04	−0·04	+0·07	+0·03	+0·09	+0·03
Feb.	969·52	+0·45	+0·26	0·00	−0·23	−0·29	−0·34	−0·27	−0·05	+0·06	+0·08	+0·19	+0·15	−0·09	−0·28	−0·41	**−0·56**	−0·42	−0·18	+0·11	+0·20	+0·34	+0·39	**+0·47**	+0·46
Mar.	991·77	+0·20	+0·03	−0·18	−0·28	−0·23	−0·19	0·00	+0·14	+0·30	+0·38	**+0·40**	+0·34	+0·14	−0·15	−0·38	**−0·47**	−0·45	−0·32	−0·10	−0·01	+0·10	+0·27	+0·29	+0·25
April	979·65	−0·10	−0·25	−0·35	**−0·51**	−0·50	−0·31	−0·10	+0·14	+0·22	+0·20	+0·24	+0·21	+0·14	+0·03	−0·17	−0·26	−0·15	−0·06	+0·16	+0·32	**+0·47**	+0·37	+0·21	+0·04
May	978·01	−0·04	−0·15	−0·31	**−0·39**	−0·35	−0·23	−0·11	+0·03	+0·12	+0·07	+0·14	+0·13	+0·12	+0·09	+0·04	+0·01	−0·07	−0·09	−0·02	+0·10	+0·30	**+0·31**	+0·20	+0·05
June	991·86	+0·20	+0·12	−0·03	−0·04	+0·02	+0·06	+0·14	+0·16	+0·09	+0·06	+0·05	+0·08	−0·05	−0·11	−0·25	−0·37	−0·47	**−0·49**	−0·24	−0·07	+0·15	+0·32	**+0·34**	+0·29
July	984·97	+0·12	−0·02	−0·08	−0·11	−0·16	−0·07	+0·01	+0·08	+0·09	+0·06	+0·03	−0·02	−0·08	−0·16	−0·26	−0·33	**−0·35**	−0·28	−0·12	+0·02	+0·34	**+0·45**	+0·43	+0·31
Aug.	984·76	+0·17	+0·08	−0·01	−0·10	−0·16	+0·05	+0·06	+0·12	+0·01	+0·01	−0·06	−0·12	−0·08	−0·15	−0·18	**−0·36**	−0·34	−0·27	−0·14	+0·08	+0·32	+0·33	**+0·35**	+0·27
Sept.	983·71	−0·16	−0·23	−0·30	**−0·41**	−0·33	−0·10	+0·06	+0·25	**+0·49**	**+0·49**	+0·37	+0·31	+0·22	+0·05	−0·12	−0·20	−0·27	−0·25	−0·04	+0·05	+0·08	+0·07	+0·03	−0·02
Oct.	981·81	0·00	−0·20	−0·42	**−0·58**	−0·56	−0·45	−0·32	−0·06	+0·10	+0·19	+0·22	+0·18	+0·01	−0·16	−0·19	−0·10	+0·03	+0·34	**+0·48**	+0·43	+0·42	+0·36	+0·17	+0·13
Nov.	985·90	0·00	−0·19	−0·33	**−0·37**	−0·31	−0·23	−0·10	+0·20	+0·42	**+0·50**	+0·46	+0·26	+0·03	−0·20	−0·25	−0·22	−0·06	+0·08	+0·09	+0·08	+0·06	+0·13	+0·03	−0·03
Dec.	975·30	+0·07	+0·25	+0·29	+0·20	+0·12	+0·06	+0·03	+0·13	+0·35	**+0·39**	+0·32	+0·06	−0·16	**−0·44**	−0·43	−0·39	−0·29	−0·18	−0·15	−0·15	−0·16	−0·10	+0·02	+0·11
Year.	982·94	+0·08	−0·02	−0·14	−0·23	−0·23	−0·15	−0·04	+0·12	+0·23	**+0·24**	+0·22	+0·13	−0·01	−0·16	−0·25	**−0·30**	−0·26	−0·16	0·00	+0·08	+0·21	**+0·24**	+0·22	+0·16

ABSOLUTE EXTREMES OF PRESSURE AT STATION LEVEL FOR EACH DAY.

Maximum and Minimum for the interval 0h. to 24h., Greenwich Mean Time.

127. Eskdalemuir : $H_b = 237{\cdot}3$ metres. **1925.**

Month	Jan.		Feb.		Mar.		April		May		June	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	967·4	947·1	**998·1**	980·5	985·8	968·3	983·4	977·2	987·9	979·0	988·7	985·4
2	955·4	**936·3**	997·8	992·6	999·6	985·8	985·2	974·2	987·8	986·4	993·5	988·5
3	966·2	949·8	995·5	988·5	006·9	999·6	989·0	985·2	986·4	978·1	994·4	991·4
4	974·6	964·5	997·9	992·4	**007·6**	003·9	986·9	974·2	978·1	973·3	995·5	993·0
5	986·4	974·6	987·9	980·3	003·9	989·1	974·2	970·4	975·8	973·0	993·2	988·2
6	999·8	986·4	980·8	971·9	989·3	980·8	974·8	966·5	976·6	973·7	994·8	987·4
7	997·0	994·6	982·7	969·1	981·1	969·9	981·8	974·8	976·6	971·5	997·9	994·7
8	994·6	974·2	969·1	956·3	986·0	**967·7**	984·2	981·4	971·6	969·5	998·9	997·5
9	998·5	974·9	972·5	966·0	996·7	985·6	981·4	973·8	977·5	970·8	001·2	998·9
10	998·6	996·8	971·6	960·1	000·5	994·2	988·3	975·8	983·0	977·5	**002·5**	001·1
11	999·4	997·2	962·4	953·4	001·3	994·3	989·3	987·3	982·3	974·7	002·2	997·0
12	997·2	989·2	960·0	952·6	003·9	000·7	988·5	985·3	986·4	980·6	997·2	993·7
13	989·2	972·3	960·0	951·0	000·7	988·2	985·3	976·1	993·0	986·4	994·1	987·3
14	985·4	966·7	954·9	949·2	991·7	986·5	981·2	962·8	**995·9**	992·2	990·8	988·1
15	002·4	984·5	966·9	954·9	002·1	991·7	963·7	956·9	993·3	981·2	991·1	986·7
16	003·1	999·0	968·3	966·1	002·2	000·2	979·5	**952·7**	981·5	973·4	987·8	984·5
17	999·0	996·0	968·7	965·5	002·6	000·5	983·5	977·9	983·6	974·7	991·7	987·2
18	007·5	998·4	979·2	968·7	003·5	002·2	982·2	971·6	983·8	981·4	993·9	990·4
19	**011·9**	007·5	987·3	979·2	003·3	997·9	994·9	982·2	984·6	982·0	993·5	989·3
20	008·3	003·3	987·2	980·3	997·9	989·6	**999·0**	994·8	985·1	983·5	989·4	985·6
21	003·3	997·3	982·0	978·0	993·1	989·2	998·9	987·0	984·1	983·1	987·9	**984·2**
22	997·3	987·4	982·9	968·4	997·2	992·9	987·0	968·2	983·1	977·9	992·3	987·8
23	991·4	984·1	969·5	963·5	992·9	982·2	973·4	969·3	977·9	972·8	993·5	991·6
24	001·6	991·4	969·6	953·3	982·2	976·2	976·9	972·2	973·2	970·8	992·9	991·0
25	008·6	001·4	955·7	947·9	991·2	978·8	976·5	971·3	978·7	971·4	992·6	989·9
26	008·6	002·0	947·9	**937·3**	994·1	991·2	980·1	973·0	979·8	971·2	990·3	986·8
27	002·0	990·7	953·7	941·1	994·7	991·7	985·0	980·0	971·2	956·9	992·9	988·2
28	990·7	980·8	968·3	953·7	997·8	993·9	985·6	982·8	960·9	**953·7**	993·3	992·7
29	982·3	966·3	—	—	994·1	989·3	983·9	982·4	968·9	959·8	992·8	989·7
30	978·1	971·7	—	—	989·3	978·0	983·4	979·3	976·9	963·4	990·7	989·5
31	980·5	974·2	—	—	978·7	972·9	—	—	986·0	976·9	—	—
Mean.	993·11	982·60	974·23	965·06	995·87	988·16	983·57	975·55	981·02	974·86	993·72	990·24

Month	July		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	990·0	985·5	980·8	977·9	988·1	985·0	003·5	000·5	982·9	969·5	989·1	978·3
2	986·0	981·2	985·2	979·3	987·7	979·5	002·6	998·4	972·6	967·5	995·3	989·1
3	985·6	981·9	985·6	982·6	987·8	978·4	998·6	993·5	972·2	966·1	003·2	995·3
4	985·7	984·0	983·4	979·6	987·8	984·5	001·8	996·2	979·2	971·1	**005·2**	002·8
5	985·9	984·9	979·6	976·9	987·0	982·2	002·3	998·7	983·1	976·2	002·9	993·2
6	985·2	981·6	984·2	975·5	991·0	983·5	998·7	992·9	984·9	974·0	993·2	985·7
7	992·7	982·2	984·6	983·4	991·2	985·5	001·2	992·3	974·0	**959·9**	985·7	968·7
8	992·9	992·1	985·7	982·3	986·5	983·3	**005·7**	001·0	972·2	962·0	968·7	960·2
9	992·5	986·7	982·4	975·5	983·3	972·6	005·6	001·7	~~[illegible]~~	971·8	964·2	957·9
10	994·0	984·7	980·1	978·0	987·9	976·3	001·7	995·0	993·6 975·1	975·1	976·4	963·7
11	998·2	993·9	985·7	979·4	993·6	987·9	995·1	988·0	004·6	993·6	982·2	975·3
12	**998·4**	997·2	984·5	980·0	998·0	993·3	988·9	984·5	004·3	998·7	987·3	981·9
13	998·3	995·2	995·5	982·3	999·0	996·9	984·5	980·7	998·7	990·2	986·3	981·9
14	995·2	988·5	000·7	995·5	997·0	995·2	988·1	982·5	990·2	988·0	991·8	984·6
15	989·6	987·8	**000·8**	997·7	995·3	983·0	989·0	987·3	991·7	987·4	993·8	986·6
16	989·0	983·6	998·0	993·7	985·4	980·6	991·6	987·9	002·0	991·7	995·9	993·6
17	983·7	974·4	993·7	988·7	985·0	979·7	987·9	972·4	006·1	001·9	993·6	988·0
18	977·0	970·9	989·0	985·8	981·8	978·2	987·2	974·3	**007·2**	004·9	988·5	977·4
19	985·5	977·0	985·8	983·5	979·3	959·5	988·4	983·1	006·7	004·6	977·4	964·7
20	989·4	985·5	984·0	977·9	968·3	959·7	983·1	967·1	004·9	001·5	964·7	946·9
21	993·8	989·1	977·9	**974·3**	971·6	965·7	967·1	957·8	001·5	991·0	954·4	946·8
22	993·7	987·4	977·3	974·4	971·3	**954·3**	957·8	940·2	991·0	986·3	962·9	954·4
23	990·9	986·4	977·5	974·4	974·6	955·1	944·8	**931·2**	993·6	989·2	970·9	962·9
24	992·1	988·1	981·1	977·1	983·7	974·6	957·1	944·8	994·0	980·0	978·4	966·7
25	988·1	975·3	988·2	981·1	984·5	974·7	971·3	957·1	992·2	979·4	977·7	969·1
26	975·3	**968·6**	988·0	983·0	991·1	974·7	971·1	955·6	992·1	982·6	971·0	964·0
27	971·6	969·0	988·6	983·7	998·2	991·1	971·0	955·2	983·2	979·2	964·6	957·6
28	977·4	971·4	990·8	986·6	996·7	989·6	978·8	971·0	979·8	976·6	964·1	955·7
29	978·0	976·7	996·6	987·1	994·5	988·4	975·1	971·1	980·4	965·1	959·1	946·8
30	977·6	975·8	998·0	992·4	**000·7**	994·1	976·6	973·3	978·3	964·1	951·1	**941·3**
31	980·2	976·5	992·6	986·8	—	—	982·9	976·6	—	—	985·8	946·0
Mean.	987·53	982·68	987·29	982·46	987·60	979·57	985·78	977·90	~~809·74~~ 989·74	981·64	980·17	970·55

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

128. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulb above ground) = 0·9 metres. **January, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	74·0	73·9	73·9	74·0	73·9	73·9	74·4	75·0	75·5	73·4	73·3	76·4	78·5	79·0	79·7	80·1	80·6	79·3	78·7	79·0	77·5	76·3	75·9	76·0	76·3
2	75·6	75·6	75·2	75·2	75·3	75·0	74·7	75·7	74·5	74·8	75·0	77·4	80·0	79·7	77·5	77·3	77·3	77·0	77·0	76·5	76·0	76·3	76·7	77·1	76·3
3	77·0	76·7	76·2	76·3	75·2	74·5	74·4	74·9	73·8	75·1	75·3	76·8	76·1	76·4	76·0	76·0	74·7	74·6	74·0	73·7	74·0	73·9	73·1	72·7	75·1
4	72·5	72·4	72·8	73·9	73·8	73·5	73·6	73·4	74·0	74·6	75·0	75·4	75·9	74·5	74·0	72·8	73·0	73·2	73·6	73·8	73·8	73·9	73·3	74·2	73·8
5	74·8	74·7	74·3	74·8	75·0	74·8	74·5	74·8	74·7	74·8	75·1	75·9	76·3	76·1	76·1	76·0	75·6	74·2	74·8	74·7	74·5	74·4	74·3	75·3	75·0
6	75·0	75·3	74·7	73·3	72·5	72·5	71·9	72·5	71·6	73·0	74·3	75·3	75·9	75·0	74·5	74·0	73·1	74·8	74·8	75·4	75·7	76·7	76·9	77·2	74·4
7	77·3	77·3	78·0	78·1	78·2	78·1	78·1	78·2	78·3	78·0	78·3	78·5	79·0	79·2	78·5	78·3	78·0	77·8	77·7	77·7	77·7	77·7	77·5	77·4	78·0
8	77·3	77·3	77·0	76·8	76·8	76·7	77·3	77·2	76·9	76·8	76·9	77·0	77·0	77·2	77·8	78·3	78·9	79·0	79·3	79·5	79·9	80·0	80·7	80·7	77·9
9	80·2	79·1	77·9	77·2	76·8	76·0	75·5	75·0	74·6	76·0	77·1	77·8	78·3	78·1	77·5	76·1	75·3	74·1	73·0	73·0	73·0	73·1	73·0	73·0	76·0
10	73·0	74·6	75·3	76·7	77·8	77·8	77·9	77·8	78·2	78·9	79·0	79·6	79·3	79·5	79·8	79·7	79·5	79·5	79·0	79·0	79·0	79·1	79·2	79·7	78·1
11	79·3	79·4	79·5	79·3	79·1	79·1	79·1	79·0	78·8	78·7	78·8	78·6	78·5	78·6	78·3	79·0	79·0	77·8	77·5	77·3	77·2	77·0	77·0	76·9	78·5
12	76·8	76·8	76·7	76·3	75·8	75·9	75·5	75·4	75·7	75·9	75·4	75·8	76·6	76·9	76·9	76·5	76·0	75·8	76·0	76·1	76·0	75·7	75·5	75·3	76·1
13	75·2	74·8	74·8	74·8	75·3	75·5	77·5	79·7	80·0	80·3	80·5	81·0	81·0	81·5	80·3	80·4	80·9	81·2	81·0	81·1	81·1	81·0	80·8	79·7	79·1
14	79·3	79·2	79·0	81·5	81·9	81·8	81·2	80·0	78·7	78·1	79·1	79·9	79·7	79·0	79·1	78·9	78·6	78·0	77·5	78·0	76·4	76·2	76·2	76·0	79·0
15	76·3	77·8	78·0	78·0	77·9	77·3	77·2	77·0	76·0	77·0	78·0	78·0	78·9	78·9	78·8	77·9	76·0	76·0	76·0	75·5	75·0	74·5	74·1	75·9	76·9
16	75·8	75·9	76·0	76·2	76·2	76·4	76·1	76·3	75·8	76·7	76·9	77·4	77·6	77·6	77·6	77·0	77·0	77·1	77·0	76·9	77·0	77·1	77·5	77·5	76·7
17	77·6	77·7	78·0	78·0	78·7	78·8	78·7	78·8	79·7	81·0	80·4	80·1	80·1	80·2	80·1	80·2	80·3	80·2	80·3	80·3	80·9	81·0	80·4	81·0	79·6
18	81·0	80·0	80·0	80·0	80·0	79·9	79·7	79·7	79·6	79·3	80·0	80·3	80·0	80·0	80·0	80·2	80·2	80·2	80·0	79·8	79·1	78·1	78·3	78·1	**79·8**
19	78·0	77·1	76·1	77·0	77·0	77·0	77·1	77·1	77·7	77·5	78·0	79·0	79·6	80·0	79·9	79·7	79·3	79·2	79·2	79·2	79·3	79·3	79·1	78·8	78·4
20	78·4	77·9	77·6	77·4	77·0	76·8	76·3	76·2	76·3	76·3	76·4	76·7	76·9	77·3	77·4	77·5	77·3	77·2	77·1	77·0	76·3	76·1	76·0	76·1	77·0
21	76·2	76·1	76·0	75·9	75·9	75·7	75·3	75·2	75·1	75·2	75·2	75·3	75·5	75·8	76·0	76·1	76·0	75·8	75·4	75·3	75·2	75·2	75·0	74·8	75·6
22	74·5	74·1	72·5	71·5	71·0	70·1	70·1	70·3	71·0	71·9	72·2	73·3	74·9	74·5	74·8	73·7	72·0	72·7	72·8	72·5	71·4	71·2	72·6	73·7	**72·5**
23	75·0	75·8	76·2	76·9	77·7	78·0	77·9	77·7	77·1	77·3	77·3	77·3	77·2	76·8	76·8	76·0	75·1	75·3	75·8	76·0	76·4	76·4	76·5	76·0	76·6
24	75·9	76·0	76·1	76·7	76·8	77·5	77·1	77·1	77·0	77·4	77·7	78·0	78·4	78·1	78·4	77·5	77·0	77·0	77·1	77·0	76·9	76·3	76·3	76·0	77·1
25	75·5	75·0	75·3	75·1	74·8	75·2	75·3	75·1	75·3	76·1	77·0	77·1	77·2	77·7	77·4	77·7	77·1	76·2	75·0	76·0	76·0	75·7	75·9	75·5	76·0
26	75·0	75·2	74·6	74·9	74·7	74·9	75·0	75·1	75·4	75·9	76·5	77·0	76·9	77·1	76·9	76·2	76·3	76·5	76·7	76·7	76·1	75·7	75·7	75·7	75·9
27	75·7	75·3	75·3	75·7	75·7	75·7	75·1	75·0	75·1	75·3	76·0	76·0	75·6	75·5	75·4	74·9	74·1	73·8	73·9	74·8	74·7	74·5	74·5	74·3	75·1
28	74·1	74·0	74·0	74·0	73·8	73·3	73·1	73·1	73·5	73·7	73·8	74·1	75·0	75·2	75·5	75·6	75·2	75·0	76·0	76·3	76·4	76·4	75·8	75·3	74·7
29	75·2	75·4	75·1	74·8	75·1	75·0	75·9	78·1	79·0	80·0	81·0	78·7	77·7	77·8	77·3	76·0	76·4	75·0	75·2	75·6	74·2	74·2	74·6	75·5	76·4
30	74·9	75·2	75·4	74·9	74·9	75·1	75·1	75·3	76·0	76·3	77·5	78·9	81·0	81·1	81·5	81·2	81·0	81·0	81·0	81·1	81·1	81·4	81·2	81·8	78·4
31	80·6	79·4	78·8	78·0	77·1	77·0	76·1	77·0	77·1	77·1	77·4	77·4	77·5	77·0	76·5	76·2	76·0	75·8	74·3	74·2	74·0	74·1	73·9	73·2	76·7
Mean ...	76·35	76·29	76·14	76·23	76·18	76·09	**76·02**	76·22	76·19	76·53	76·92	77·42	**77·81**	77·78	77·62	77·32	76·99	76·78	76·67	76·74	76·51	76·40	76·37	76·46	76·67

129. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **February, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	72·7	73·5	73·7	74·0	74·2	74·0	74·4	74·9	75·2	75·3	76·0	76·8	77·3	77·7	77·9	77·5	76·7	76·5	76·9	76·9	76·6	77·2	77·9	77·8	75·8
2	77·1	76·6	76·1	76·3	77·2	77·3	77·3	77·3	77·5	77·7	78·0	78·0	78·4	78·9	79·1	80·0	79·0	78·4	78·2	77·5	77·0	77·1	76·3	76·3	77·6
3	76·3	76·2	76·6	76·4	76·0	76·9	77·5	77·9	78·4	78·9	79·3	79·7	80·0	80·0	80·2	80·9	80·6	80·2	79·2	78·5	77·8	77·0	76·8	76·1	78·2
4	75·9	75·1	75·3	75·1	75·0	75·2	75·7	75·0	75·0	75·7	76·4	77·1	77·4	77·9	77·9	77·3	77·2	78·1	78·4	77·9	78·1	79·1	79·1	79·8	76·8
5	79·7	80·3	80·6	81·0	80·9	80·9	81·0	81·0	78·6	78·1	78·7	78·6	78·4	76·3	77·0	75·7	76·0	75·9	75·7	75·3	75·3	75·0	75·1	75·5	78·0
6	75·5	75·6	75·6	75·2	75·1	75·0	75·0	74·7	74·8	75·3	75·6	76·5	76·2	76·0	75·3	75·1	73·4	73·1	73·4	73·4	73·5	72·2	72·3	72·4	74·7
7	72·0	72·5	72·7	73·4	74·0	73·4	73·2	72·8	74·1	75·3	76·3	76·7	76·5	77·1	76·5	75·0	73·8	73·8	74·1	74·2	74·9	74·7	74·5	74·6	74·4
8	74·4	75·7	76·7	78·0	79·9	80·5	80·6	80·3	80·5	80·7	81·0	81·0	81·1	81·0	80·7	81·5	79·0	79·8	78·0	77·8	77·3	77·4	77·2	77·1	**79·0**
9	77·0	76·4	76·3	76·3	76·2	76·0	76·0	75·6	76·6	76·9	76·9	77·2	77·5	77·5	76·3	76·3	76·3	75·9	75·3	75·2	75·3	75·4	75·9	76·2	76·3
10	77·0	77·8	77·8	78·5	78·6	78·6	78·4	78·8	79·0	79·3	79·5	80·2	80·9	80·4	79·0	78·6	78·8	79·7	77·0	76·6	76·0	75·7	74·7	74·1	78·2
11	73·7	73·4	73·4	73·4	73·4	73·3	73·5	73·7	73·7	74·2	74·0	74·3	74·3	74·0	73·7	73·6	73·4	73·5	73·5	73·4	73·2	73·1	73·0	73·1	73·6
12	72·9	72·7	73·0	73·0	73·0	73·2	73·0	73·2	73·4	73·4	74·0	74·0	74·8	74·8	75·1	74·9	73·8	73·0	73·2	73·2	73·1	73·1	73·2	73·0	73·5
13	72·2	71·9	72·2	72·9	73·2	73·0	73·0	73·9	74·1	74·0	74·0	74·9	76·5	76·2	76·8	76·0	75·2	74·6	74·7	73·8	72·0	72·0	73·1	73·5	73·9
14	72·9	72·7	73·0	73·0	73·3	73·6	74·0	74·0	74·0	74·5	74·7	74·4	74·7	74·3	74·0	73·8	73·8	73·0	72·7	72·7	72·7	72·7	72·7	72·7	73·5
15	72·8	73·0	73·1	73·6	73·4	73·4	73·1	73·7	73·5	73·3	73·7	73·8	73·8	73·8	73·9	74·2	74·2	74·7	74·6	74·9	75·1	75·0	74·8	74·4	73·9
16	74·4	74·9	74·3	74·2	75·0	75·1	75·1	75·2	75·0	75·0	75·3	75·8	76·0	76·2	75·7	75·5	75·4	75·3	75·0	75·0	75·2	75·1	75·0	75·0	75·1
17	75·0	75·0	74·9	75·0	74·9	75·0	74·8	74·9	74·8	75·0	75·4	75·8	77·1	77·4	77·5	77·4	76·9	76·5	76·0	75·2	76·0	76·1	76·0	76·0	75·8
18	76·0	75·8	75·9	75·8	76·1	75·7	76·0	75·7	76·4	76·1	76·5	76·9	77·2	77·3	77·6	76·8	76·2	74·8	73·6	72·8	72·2	71·8	72·1	71·5	75·4
19	71·2	72·0	73·7	74·0	74·3	74·5	74·2	73·4	75·1	76·0	77·0	77·1	77·2	77·9	77·8	77·2	76·5	75·1	74·8	74·9	73·5	72·3	71·2	71·5	74·7
20	71·5	71·5	71·9	72·6	72·3	71·3	70·1	69·5	72·0	73·3	74·4	75·8	76·3	76·7	76·3	75·9	76·0	74·0	74·1	74·3	74·2	74·1	73·9	73·0	73·5
21	72·3	72·8	72·7	72·7	73·0	73·1	73·1	73·1	73·3	73·6	74·1	74·7	74·3	74·3	73·9	73·7	73·3	73·3	73·3	73·3	73·1	73·0	72·6	72·3	73·3
22	70·9	70·6	70·0	69·0	67·7	65·5	64·8	64·0	65·1	66·8	68·9	70·7	71·5	72·0	72·3	72·4	72·1	72·0	72·8	73·2	73·3	73·1	73·1	73·3	**70·2**
23	73·3	73·7	73·7	72·2	72·0	72·1	72·3	72·3	73·0	73·5	73·4	73·9	74·0	74·0	73·9	73·7	73·8	74·1	74·3	74·5	74·5	74·1	73·8	73·7	73·5
24	73·6	73·4	73·7	73·6	72·8	72·0	72·0	72·0	73·6	74·3	74·0	73·9	74·6	74·5	73·8	74·0	74·0	74·1	74·0	74·0	74·0	74·0	73·3	73·7	73·6
25	73·8	73·8	73·8	74·0	74·0	73·7	73·4	73·8	74·2	75·7	75·8	77·0	77·0	76·9	76·5	75·8	75·2	74·9	74·9	75·0	75·0	75·0	74·9	74·8	74·9
26	74·6	74·4	75·0	75·1	74·7	74·7	74·2	74·2	74·6	74·8	75·4	76·9	76·8	77·9	77·2	76·7	76·0	75·9	76·3	76·2	76·3	76·0	75·5	75·5	75·6
27	75·9	75·9	75·8	75·4	75·4	75·7	75·4	75·8	76·2	75·8	76·8	77·4	76·8	77·0	77·4	77·4	76·2	75·3	75·7	76·2	76·0	75·7	75·3	75·2	76·1
28	75·3	75·5	75·5	75·5	75·3	75·3	75·8	75·8	76·0	76·8	77·0	77·3	79·0	78·6	76·2	76·9	76·2	76·2	76·2	76·2	76·2	76·2	76·0	76·3	76·3
29																									
Mean ...	**74·28**	74·38	74·54	74·61	74·67	74·57	74·53	74·52	74·92	75·33	75·79	76·30	76·63	**76·66**	76·41	76·21	75·68	75·42	75·21	75·08	74·94	74·76	74·62	74·59	75·19
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

130. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulb above ground) = 0·9 metres. **March, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	76·0	75·2	75·1	75·1	75·4	76·1	76·2	75·8	76·0	76·0	75·8	76·0	76·8	76·7	77·0	77·0	77·0	77·1	76·0	76·4	77·0	76·4	75·9	75·2	76·2
2	75·4	76·1	75·0	76·2	76·0	75·7	75·0	75·0	76·1	77·1	77·0	76·0	76·0	77·0	77·0	76·4	75·6	74·6	74·1	74·0	74·4	74·2	74·1	73·8	75·5
3	74·1	74·1	74·1	74·0	73·8	74·0	74·0	74·0	74·9	75·7	76·3	75·3	76·4	76·9	76·3	76·3	75·9	75·2	74·8	75·0	75·0	75·0	74·2	73·0	74·9
4	74·0	74·3	73·6	73·8	73·4	73·0	71·5	71·6	73·7	76·3	78·0	79·2	80·3	80·8	80·7	79·1	78·7	77·4	77·3	75·9	75·1	73·9	72·9	72·5	75·7
5	71·8	74·3	75·0	76·1	76·9	77·2	77·1	77·7	77·9	78·2	78·8	79·2	79·9	80·1	80·0	79·2	79·6	79·5	79·4	80·1	79·8	79·8	80·0	80·1	78·1
6	80·0	80·0	80·1	80·1	80·1	80·0	80·0	80·3	80·2	80·7	80·3	80·3	81·0	81·0	81·0	81·0	80·4	80·3	79·4	78·9	78·1	78·1	77·9	77·2	79·9
7	77·1	77·0	77·3	77·0	76·9	76·6	76·2	76·8	77·8	78·3	78·7	77·0	77·0	77·9	78·0	76·7	76·3	75·2	74·6	74·6	74·2	74·0	73·8	72·2	76·4
8	72·3	72·7	71·9	72·1	71·6	71·7	71·5	71·9	71·8	73·0	73·7	73·9	74·0	74·5	74·6	74·2	72·7	72·4	72·1	70·7	69·0	68·9	68·7	68·9	72·1
9	69·1	68·1	69·5	69·8	69·2	69·0	70·0	71·3	72·5	74·0	75·0	75·2	76·0	76·3	75·5	75·1	74·4	73·5	73·0	72·3	72·0	71·9	72·4	72·2	72·3
10	72·0	71·8	71·8	70·1	69·5	71·0	70·9	72·0	74·5	74·6	75·0	76·0	76·3	75·5	74·5	73·5	73·4	73·2	73·1	73·2	74·7	74·8	74·9	74·8	73·3
11	75·3	75·1	74·8	74·3	73·5	74·3	74·0	74·9	74·6	74·3	75·0	75·3	76·8	76·9	76·8	75·7	74·8	74·1	72·0	72·7	73·7	73·2	72·0	71·9	74·5
12	72·0	72·6	72·1	71·4	71·2	70·7	70·5	72·5	74·1	74·1	74·3	75·4	75·8	76·6	77·0	76·8	74·8	73·0	70·6	70·3	70·2	71·2	73·0	72·4	73·0
13	73·6	73·9	73·7	73·1	73·8	74·0	74·6	75·3	75·5	76·1	76·3	76·8	77·8	78·8	79·1	78·9	78·3	77·8	77·8	77·4	78·0	77·9	77·8	78·0	76·3
14	78·2	78·5	78·3	78·5	78·2	78·4	78·3	78·7	79·0	79·9	80·4	80·0	79·9	80·5	80·5	80·4	80·3	80·2	80·0	80·4	80·4	80·3	80·0	79·8	79·5
15	79·3	79·6	79·4	79·4	79·8	78·8	77·5	78·0	81·6	82·8	83·7	85·1	84·9	85·0	84·5	84·7	83·8	81·5	81·9	81·3	80·9	78·3	76·3	76·3	**81·1**
16	76·9	77·0	77·3	77·8	78·1	78·4	78·8	79·6	79·8	80·4	81·2	82·2	82·2	81·8	81·8	81·7	80·6	80·3	79·8	79·4	79·3	78·7	79·3	78·9	79·6
17	79·0	79·7	79·7	79·0	79·1	79·0	79·9	80·7	80·7	81·4	81·5	81·7	82·4	82·8	83·0	82·4	82·1	81·1	80·3	79·7	79·3	78·3	77·2	76·4	80·3
18	76·0	75·1	74·1	73·3	72·8	73·3	73·3	74·1	75·8	78·4	81·1	81·7	81·2	80·8	81·1	81·0	80·3	79·7	79·4	79·0	79·1	78·7	78·5	78·4	77·7
19	78·0	77·9	77·0	75·5	77·2	77·7	78·2	79·2	80·2	80·8	82·8	82·8	84·9	83·8	83·1	82·8	82·2	81·8	81·0	80·8	80·6	80·2	79·8	79·3	80·3
20	78·2	77·3	77·2	75·7	75·0	74·7	74·2	74·8	75·8	76·1	76·4	77·3	76·9	74·9	76·2	75·5	75·3	74·9	73·9	73·8	73·2	73·7	73·6	72·1	75·4
21	70·0	71·4	70·3	70·1	69·6	69·1	69·0	70·3	72·1	72·5	73·1	74·0	74·3	74·4	72·0	72·7	71·4	70·3	69·0	68·7	71·0	71·3	71·8	71·0	**71·3**
22	71·6	71·5	70·3	70·5	69·8	70·0	70·0	71·1	72·9	73·7	74·1	75·0	75·6	76·2	76·6	76·3	74·8	73·9	71·9	71·0	70·9	70·2	70·6	70·3	72·5
23	71·0	72·1	73·1	72·8	72·8	73·8	74·1	74·6	76·1	76·6	77·3	78·0	79·1	78·2	80·5	78·8	78·1	77·2	76·4	75·0	75·4	75·0	74·7	74·8	75·5
24	75·3	75·0	75·0	74·3	74·8	74·4	74·7	75·2	76·5	77·0	77·1	79·0	79·4	79·4	79·6	78·6	78·0	77·5	74·7	74·8	74·7	73·1	72·0	73·7	76·0
25	73·5	73·4	74·1	74·7	75·3	75·6	75·7	76·1	77·5	78·7	78·1	77·8	77·9	75·0	75·9	77·2	77·0	76·0	75·5	75·1	75·5	75·0	74·9	74·2	75·8
26	74·4	74·4	74·4	74·4	74·5	74·1	74·6	74·8	76·4	76·7	77·9	78·0	78·7	78·2	78·0	77·3	77·0	76·3	75·5	75·1	75·3	74·9	74·0	74·5	75·8
27	74·0	73·0	71·8	70·7	70·1	69·5	70·7	78·4	77·0	78·7	79·4	80·6	81·2	82·0	82·8	81·4	81·2	79·6	79·1	78·5	78·2	77·8	77·4	76·9	77·0
28	76·0	75·2	75·2	74·8	74·5	74·3	74·1	75·2	76·2	77·1	77·9	78·3	78·8	79·6	79·5	79·8	79·0	77·5	76·4	76·1	76·4	76·5	76·8	77·0	76·8
29	77·2	77·5	77·9	78·1	78·3	78·0	78·6	79·3	80·2	80·4	80·7	80·8	81·0	81·8	80·9	79·4	79·2	78·8	78·3	78·2	78·1	78·1	77·7	77·4	78·9
30	77·2	77·1	77·0	77·0	77·1	77·2	77·3	77·5	78·1	78·8	79·1	80·3	80·0	80·5	80·4	80·2	79·5	78·9	78·8	79·0	79·2	79·1	79·2	79·2	78·6
31	79·1	79·1	79·0	78·8	78·7	78·4	78·6	78·8	78·9	79·0	79·1	79·3	79·2	79·3	79·1	79·0	79·0	77·1	76·8	77·0	74·5	74·3	74·6	74·3	78·1
Mean ...	75·08	75·16	75·00	74·79	**74·74**	74·77	74·81	75·66	76·59	77·34	77·91	78·31	78·76	**78·81**	78·81	78·36	77·76	76·96	76·22	75·95	75·91	75·57	75·35	75·05	76·40

131. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **April, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	74·1	73·9	73·7	73·9	73·6	73·3	77·7	75·7	76·0	76·3	77·2	78·0	78·6	78·9	79·0	77·9	77·0	76·6	76·1	76·2	76·2	76·1	76·5	76·9	76·0
2	77·3	77·2	77·0	77·0	77·1	77·1	77·1	77·5	77·5	77·3	77·8	78·0	77·9	78·3	76·9	76·8	75·6	75·1	74·5	74·7	74·0	72·8	72·0	70·7	76·3
3	70·3	69·7	69·8	69·4	68·3	69·0	69·4	71·3	73·3	74·4	75·3	76·3	78·0	78·0	78·6	78·3	78·6	77·2	74·1	72·5	73·6	73·0	72·5	71·3	**73·4**
4	70·4	69·4	69·2	70·7	70·9	72·0	73·2	74·1	77·0	77·0	78·0	79·7	79·9	80·4	80·3	80·0	79·1	78·2	76·9	76·0	76·2	75·8	75·2	75·0	75·5
5	75·0	75·5	75·7	76·1	75·9	76·3	76·2	76·0	76·0	76·4	76·8	77·2	77·5	77·9	78·7	79·7	78·9	79·1	78·9	78·9	78·8	78·0	78·6	78·3	77·3
6	78·6	78·1	78·6	78·9	79·1	79·7	80·1	80·3	80·8	80·4	80·0	79·3	79·6	79·9	80·2	81·0	81·0	81·2	79·2	77·3	75·9	74·8	74·2	74·2	78·9
7	75·0	74·5	74·7	74·2	74·3	74·7	75·0	75·9	79·9	82·2	83·2	84·9	85·7	85·0	84·1	84·0	83·1	82·6	82·0	80·7	79·7	79·4	77·2	76·9	79·5
8	76·4	74·8	75·1	73·9	73·8	74·5	74·1	76·7	78·5	80·0	79·9	81·0	81·2	81·0	81·2	82·2	83·1	81·9	79·5	76·3	76·0	77·0	77·0	77·9	78·0
9	78·1	77·0	76·7	76·3	76·6	76·8	77·4	79·2	81·9	82·7	83·0	83·8	84·8	85·0	85·2	84·9	81·1	80·7	81·2	81·3	81·0	81·0	80·4	80·0	**80·6**
10	79·4	79·0	78·7	78·8	78·7	78·7	79·2	80·1	80·0	80·7	80·3	82·0	82·9	83·6	84·3	84·7	84·4	83·8	81·3	80·9	79·1	78·3	77·1	77·8	80·6
11	77·0	76·0	77·8	77·1	76·1	76·3	77·7	78·0	78·9	80·1	81·1	82·4	82·3	82·7	82·9	82·4	83·0	82·7	79·0	77·2	76·0	74·6	75·2	73·7	78·8
12	73·0	72·0	72·0	71·4	71·6	71·7	73·9	77·0	82·0	83·0	84·0	84·5	84·2	83·9	84·9	85·0	84·0	82·8	79·2	77·2	75·4	76·0	77·0	79·0	78·4
13	79·0	78·8	78·8	78·7	78·1	78·1	78·3	79·0	79·4	80·3	79·1	80·8	81·6	81·0	80·9	81·3	79·7	79·8	78·7	77·5	77·3	77·1	76·9	77·1	79·1
14	76·4	76·7	76·0	76·2	75·3	75·7	75·7	77·7	78·3	78·6	79·3	79·8	80·0	80·8	80·3	80·0	79·3	78·5	78·4	78·7	78·5	78·1	78·3	79·5	78·1
15	81·0	80·0	79·0	78·2	78·0	77·9	77·3	77·1	77·7	78·0	74·2	78·7	79·0	77·8	79·0	77·1	75·2	76·3	75·2	73·2	73·8	73·9	74·2	74·4	77·0
16	75·8	76·2	77·0	78·0	77·0	77·2	76·0	76·8	78·6	80·5	81·8	82·9	83·3	83·1	83·1	82·8	82·9	81·8	80·6	79·4	79·3	78·8	78·5	78·2	79·5
17	78·1	77·9	77·3	78·0	77·7	77·1	78·0	79·4	81·1	82·2	82·2	81·9	83·1	81·5	81·8	80·7	79·9	78·5	78·3	77·8	77·6	77·7	78·1	79·0	79·4
18	79·1	79·4	79·8	79·8	79·8	79·8	80·0	80·2	80·3	80·4	76·4	76·7	76·0	75·8	76·1	76·4	76·3	76·2	76·1	76·1	75·9	76·0	75·8	75·7	77·7
19	76·0	76·0	76·0	75·8	75·9	75·3	76·8	77·1	77·8	78·7	79·7	78·7	78·6	79·2	78·8	78·2	78·0	78·0	75·7	73·4	73·0	72·5	72·0	71·3	76·4
20	70·7	69·4	69·3	69·3	69·3	69·4	72·0	75·8	79·2	81·4	82·3	83·8	84·5	84·9	85·8	84·5	83·0	81·4	78·9	78·3	76·2	75·3	74·0	73·2	77·1
21	72·3	72·0	71·8	70·9	69·9	71·0	73·8	77·8	81·0	82·7	83·3	84·5	84·8	84·9	84·7	83·9	81·9	80·4	79·0	78·0	76·9	77·5	77·5	78·9	78·2
22	79·1	79·2	79·7	79·7	79·7	79·0	79·0	79·3	80·0	79·6	79·8	80·0	79·7	79·8	79·9	80·2	80·1	80·0	80·0	80·0	80·3	80·9	79·8	78·9	79·7
23	77·7	76·8	76·4	75·4	75·1	75·4	76·2	77·2	77·8	76·1	78·9	79·3	79·2	76·7	76·9	76·8	76·8	75·8	76·2	74·9	74·9	74·5	74·4	74·2	76·5
24	74·5	74·3	74·3	74·5	74·4	74·7	75·2	76·8	77·8	76·6	78·2	76·8	79·7	78·0	80·0	80·0	79·0	79·4	78·3	76·9	76·3	76·4	75·0	75·0	76·7
25	74·9	74·9	74·7	74·2	74·3	73·6	74·8	76·8	78·4	79·3	80·4	80·4	79·4	81·8	81·9	80·5	78·6	79·4	78·0	76·7	76·6	76·8	76·2	76·0	77·4
26	76·0	75·5	75·7	75·1	75·8	77·1	77·0	79·4	81·1	82·0	82·1	82·0	81·9	80·0	82·0	79·0	80·8	80·1	78·6	77·2	77·2	76·0	76·5	75·9	78·5
27	76·8	76·1	76·2	76·0	76·3	76·5	77·4	79·0	79·2	79·9	80·1	79·9	80·9	80·4	80·0	79·2	78·6	78·2	77·7	76·3	76·2	76·2	76·3	75·3	77·9
28	75·7	76·0	76·4	76·8	76·3	76·7	76·9	77·5	78·0	78·1	79·8	80·4	81·6	81·7	82·0	81·3	81·1	80·5	77·9	77·3	76·2	76·1	75·5	74·7	78·1
29	74·3	74·2	74·1	73·7	73·9	74·0	75·0	76·0	78·0	77·7	79·0	79·2	79·0	80·0	79·9	75·5	75·2	75·8	75·0	74·9	74·0	73·6	71·8	72·1	75·7
30	72·2	71·3	71·0	70·3	70·3	71·3	72·8	75·0	75·7	78·0	79·0	79·5	79·8	80·1	78·5	76·4	77·8	77·3	76·8	76·0	76·2	76·5	76·9	76·4	75·5
Mean ...	75·81	75·39	75·42	75·28	**75·10**	75·33	75·97	77·32	78·71	79·35	79·74	80·41	80·82	80·74	**80·93**	80·36	79·77	79·31	78·04	77·06	76·61	76·36	76·02	75·92	77·74
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

132. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulb above ground) = 0·9 metres. **May, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	76·3	75·9	76·3	76·0	76·3	76·6	76·9	77·3	77·0	78·5	77·1	79·3	79·8	81·0	81·2	79·4	80·0	79·5	78·3	77·2	75·7	74·8	72·8	72·4	**77·4**
2	72·2	72·3	72·2	72·1	71·5	72·3	73·1	74·9	77·2	79·5	80·9	81·3	80·7	81·3	81·9	82·0	81·3	81·0	80·3	79·9	79·8	79·7	79·7	79·4	77·6
3	79·4	79·2	79·3	79·1	79·2	79·9	79·9	80·1	79·9	81·5	81·7	82·7	83·1	83·1	82·5	81·9	81·8	81·4	81·0	81·0	80·9	80·8	80·3	80·0	80·8
4	79·5	79·0	79·0	79·0	79·2	79·3	79·7	80·0	80·9	81·4	81·9	82·1	82·4	82·6	82·5	83·4	83·0	82·7	82·3	81·1	80·7	79·3	79·5	79·3	80·8
5	79·5	79·0	78·4	78·2	78·2	78·4	77·0	76·4	76·8	77·4	77·5	78·5	80·0	82·0	82·7	83·9	82·7	82·1	80·0	80·1	79·4	79·1	78·9	78·5	79·4
6	78·8	78·4	78·7	78·7	78·5	78·4	78·7	78·9	79·2	80·5	82·0	83·7	85·0	84·8	85·0	81·1	81·4	81·8	81·2	80·3	80·5	79·0	79·0	78·9	80·5
7	78·6	78·9	78·4	78·0	78·4	79·0	79·3	81·1	82·7	82·1	82·8	82·3	81·9	82·3	83·1	82·1	81·3	79·9	78·9	78·9	79·2	79·3	79·2	79·3	80·3
8	79·4	79·0	79·0	78·9	78·8	79·0	79·9	81·0	82·1	82·0	78·5	81·5	82·5	82·3	79·9	80·4	79·5	79·4	79·0	79·6	79·9	80·6	79·7	78·9	80·0
9	78·5	78·2	78·0	78·1	78·1	78·7	79·8	80·4	82·2	81·1	81·0	81·5	82·0	81·0	80·0	81·0	81·9	81·6	81·0	80·2	79·9	79·7	79·3	79·1	80·1
10	79·1	77·9	78·0	78·3	78·7	79·3	80·2	81·2	82·1	82·8	84·7	86·1	87·0	87·1	86·7	87·6	87·0	85·8	83·9	81·5	80·1	79·0	78·9	80·0	82·2
11	79·9	79·4	79·0	79·0	79·1	80·0	80·6	80·4	79·9	79·9	80·7	81·9	82·0	82·0	84·5	84·8	84·9	84·0	82·7	81·5	81·1	80·9	79·3	80·0	81·1
12	79·4	79·1	79·4	79·6	79·7	80·0	81·0	81·3	82·0	82·8	82·8	82·8	81·6	81·0	80·8	81·3	82·0	81·8	81·7	81·6	81·6	81·7	81·7	81·3	81·1
13	80·8	80·3	78·0	77·6	76·7	78·0	80·4	81·3	82·5	83·4	85·4	86·0	86·4	86·4	86·7	86·5	86·2	85·1	84·3	83·3	83·0	81·5	80·4	80·6	82·5
14	79·0	78·9	78·7	78·6	78·6	79·3	80·5	82·7	83·1	84·1	84·7	84·4	85·2	85·5	86·0	86·0	85·6	84·2	83·3	81·8	81·0	80·4	79·9	79·0	82·1
15	78·9	78·2	78·8	78·9	79·2	79·5	80·1	81·0	82·8	84·7	86·0	89·0	89·0	88·8	90·2	89·6	88·5	87·1	85·3	84·2	83·4	82·4	81·8	82·0	83·7
16	82·1	81·9	81·4	81·8	82·0	82·4	82·3	83·1	83·0	83·0	84·0	85·3	87·0	88·1	90·0	89·7	89·7	88·5	87·8	86·3	84·6	84·3	84·0	83·8	84·8
17	83·2	83·0	82·2	81·7	81·7	81·9	82·0	82·4	83·0	84·2	85·3	85·9	86·3	87·6	87·3	87·0	85·1	85·0	84·2	84·1	83·9	83·5	83·0	82·3	84·0
18	82·0	82·0	82·0	82·3	83·0	84·0	85·1	86·1	85·9	84·7	84·9	86·0	86·1	86·3	86·0	85·9	86·8	87·0	86·7	86·3	85·8	85·0	84·7	84·0	84·9
19	84·0	83·8	83·7	83·5	83·8	83·3	83·6	84·2	85·0	85·5	86·2	85·2	86·1	87·7	88·4	88·0	87·8	88·6	88·9	88·0	87·3	86·9	86·9	86·0	**85·9**
20	86·0	85·6	85·0	83·9	83·6	84·0	84·4	85·1	85·6	87·0	86·9	86·4	85·0	83·5	84·0	83·2	82·6	82·5	82·6	82·0	81·0	80·4	79·3	78·0	83·8
21	76·9	77·7	78·5	79·1	79·6	80·2	81·3	81·4	82·0	83·4	85·2	85·5	86·2	86·5	86·0	85·3	86·0	85·5	84·6	81·0	79·1	78·0	76·9	77·3	81·8
22	76·6	75·5	75·5	75·4	77·0	80·0	82·7	84·1	85·4	85·6	86·1	85·5	86·0	86·0	87·6	87·7	87·1	86·0	84·0	82·9	82·0	81·1	80·5	80·6	82·5
23	80·4	80·0	79·9	80·2	80·6	81·0	82·5	83·2	83·9	84·7	85·4	83·6	82·9	83·2	83·7	82·9	82·9	82·9	82·5	82·5	82·3	82·1	81·8	81·3	82·3
24	81·1	81·1	81·0	80·9	80·9	81·0	81·0	80·6	81·0	81·5	81·0	81·0	81·0	80·7	80·9	80·7	80·6	80·8	80·6	80·5	80·4	80·5	80·9	81·0	80·9
25	81·0	81·1	81·0	81·1	81·2	81·3	82·0	82·2	82·6	83·0	84·0	85·0	84·8	85·5	85·2	85·0	84·4	83·5	83·0	82·5	81·9	81·7	81·4	81·0	82·7
26	81·0	80·9	80·8	80·5	80·5	81·2	81·5	82·6	84·0	85·0	85·5	87·5	87·4	88·0	86·1	85·0	84·0	83·0	81·7	81·6	81·6	81·6	81·8	82·0	83·1
27	82·0	82·1	82·2	82·1	82·1	82·5	83·4	84·2	84·2	83·6	83·5	83·5	83·3	84·1	85·4	84·8	84·0	83·6	83·3	81·7	80·6	81·1	81·0	81·0	82·9
28	80·9	80·6	80·6	80·4	80·2	80·0	78·6	79·0	79·3	81·0	82·5	82·6	80·8	83·0	83·1	82·0	82·0	82·8	81·8	81·7	81·7	79·8	80·5	80·3	81·1
29	80·8	80·8	80·9	80·7	81·0	81·0	81·4	81·3	81·6	82·0	82·0	83·9	82·9	84·6	83·1	82·7	82·4	81·5	81·4	81·9	82·3	82·6	82·8	83·0	82·0
30	82·4	81·7	81·6	81·5	81·4	81·5	81·8	82·5	82·1	82·3	82·5	83·2	83·2	82·8	81·6	82·0	81·1	82·0	82·0	78·0	79·9	80·1	80·1	80·2	81·6
31	80·1	80·0	79·9	79·8	79·6	79·9	80·9	81·1	81·9	82·0	82·0	83·0	82·8	82·4	83·2	83·9	80·3	81·7	82·3	81·4	80·5	80·3	80·5	80·4	81·2
Mean ...	79·99	79·73	**79·27**	79·52	79·63	80·09	80·70	81·33	81·96	82·59	83·05	83·75	83·88	84·23	**84·36**	84·09	83·67	83·30	82·60	81·76	81·33	80·88	80·53	80·35	81·77

133. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **June, 1925.**

	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	80·1	79·5	79·5	79·9	79·8	80·1	80·8	81·5	82·1	79·5	80·0	80·3	82·4	82·0	81·7	81·6	80·6	81·7	81·2	80·7	80·0	80·0	79·5	78·4	**80·6**
2	79·0	78·7	79·2	79·7	79·7	80·2	81·0	81·6	82·1	81·8	81·5	83·0	83·4	85·5	84·5	85·5	84·0	84·4	83·5	82·2	81·5	80·0	78·9	78·7	81·6
3	79·5	79·5	79·5	79·5	80·1	81·0	82·0	83·0	82·8	82·0	81·7	81·0	80·8	81·0	81·5	82·0	82·3	82·5	82·5	82·8	82·9	83·1	83·6	83·7	81·6
4	84·0	84·7	84·5	84·4	84·0	84·5	84·6	84·5	84·1	85·0	86·9	86·0	86·0	87·7	88·4	88·5	88·5	88·9	88·3	85·0	83·8	81·3	80·5	80·2	85·3
5	79·4	79·0	78·7	78·2	79·0	81·6	84·3	85·4	86·7	87·8	89·7	90·3	91·0	91·2	92·3	91·1	90·9	89·7	88·8	86·5	85·0	84·1	83·8	84·2	85·7
6	84·1	83·6	84·0	83·8	83·8	83·8	83·5	83·7	87·2	88·2	88·0	88·3	89·4	89·5	90·4	89·7	90·8	90·0	88·1	87·7	85·5	84·8	83·0	82·0	86·4
7	80·3	80·3	80·0	80·0	80·3	83·5	85·5	87·2	88·8	88·8	90·5	91·8	92·0	92·5	92·3	92·7	91·9	90·6	88·5	87·0	85·9	83·8	82·9	81·1	86·6
8	81·1	81·1	80·3	80·0	82·0	85·2	86·0	85·7	87·8	90·2	91·9	92·5	92·9	93·2	93·2	92·3	91·9	91·0	89·2	87·4	86·3	85·3	83·0	82·1	87·1
9	81·9	81·9	81·0	80·3	81·8	84·1	87·4	90·5	92·9	95·0	95·8	96·5	97·0	97·7	97·8	98·1	98·0	97·8	94·1	91·5	88·1	86·9	85·5	84·1	90·2
10	83·0	82·6	82·0	80·9	82·0	85·4	89·0	92·5	95·2	95·9	96·8	97·6	98·4	99·1	99·8	100·1	99·0	98·1	95·4	92·0	90·3	89·1	87·7	86·6	**91·6**
11	85·8	85·7	84·9	84·0	84·0	86·6	89·9	92·6	95·4	95·9	96·0	97·1	97·6	98·0	98·0	97fl6	95·8	93·6	91·5	90·8	88·3	87·4	86·4	85·8	91·2
12	85·1	84·9	84·5	84·0	84·0	84·6	85·9	88·9	89·4	90·6	90·5	90·1	90·2	90·9	91·8	91·9	91·5	89·9	89·8	87·4	85·9	84·0	79·9	79·5	87·4
13	79·3	78·8	77·6	77·8	78·2	80·1	84·2	87·4	88·7	88·7	87·8	86·0	85·0	84·3	84·4	84·3	84·0	84·1	84·1	84·6	84·7	85·0	86·0	84·9	83·6
14	84·1	83·8	83·1	82·1	82·5	84·3	86·7	88·5	89·7	90·5	91·6	92·2	92·8	93·3	94·3	94·0	93·3	91·6	90·8	88·1	86·9	86·8	87·0	87·4	88·5
15	87·0	86·4	85·1	86·9	87·0	87·4	87·0	88·8	89·9	89·0	89·7	89·9	90·0	89·7	88·6	88·6	88·5	88·3	88·5	87·9	87·0	86·1	85·5	84·6	87·9
16	84·0	84·0	83·5	83·0	83·2	83·3	84·0	84·1	84·8	84·8	84·7	85·5	85·9	86·0	84·9	86·1	86·6	84·9	84·5	84·1	83·7	83·4	82·0	82·1	84·3
17	81·3	81·5	80·1	79·1	81·5	81·8	83·8	84·6	85·0	85·9	86·2	87·0	88·4	89·5	88·9	88·1	87·1	86·1	86·0	83·9	82·1	81·0	80·0	79·9	84·2
18	79·4	79·6	80·1	79·7	80·9	82·5	82·7	84·4	85·0	85·0	87·0	86·6	88·4	88·3	88·4	89·6	89·8	89·0	88·7	86·9	81·7	81·0	80·2	80·8	84·4
19	79·8	79·6	78·8	78·3	79·6	81·7	85·1	87·2	88·3	89·1	89·5	89·5	89·1	89·2	89·0	88·5	87·0	86·1	85·4	84·3	84·8	84·4	84·2	84·1	85·0
20	84·4	84·3	84·4	84·4	84·6	84·8	85·1	85·1	85·0	85·2	86·6	87·5	88·9	89·1	90·7	92·0	90·4	88·7	88·2	87·1	85·5	84·2	84·0	83·1	86·4
21	83·1	83·4	83·0	82·9	84·0	84·8	84·3	85·6	86·8	87·3	87·9	87·4	88·1	88·1	88·8	87·5	88·0	87·2	86·0	85·0	82·7	81·0	79·0	78·6	85·1
22	77·9	78·3	76·2	75·2	77·8	81·0	84·0	85·2	87·2	86·6	87·7	89·8	90·7	90·8	91·3	91·6	91·2	89·4	86·7	84·4	83·5	83·0	82·5	82·2	84·7
23	82·1	82·1	82·1	81·9	82·9	82·5	83·3	85·0	86·1	86·3	87·5	87·7	87·2	87·9	88·4	87·8	87·2	87·5	86·0	83·9	83·5	84·1	84·0	84·1	85·0
24	84·2	81·6	80·5	79·7	80·4	82·3	84·4	85·8	87·1	88·2	89·6	90·0	90·2	90·2	89·8	89·7	89·0	87·8	85·6	83·8	80·6	78·9	79·2	79·4	85·0
25	77·8	78·3	78·8	78·5	79·3	83·9	84·5	85·8	87·5	88·8	89·1	89·7	89·6	88·0	88·9	88·8	88·9	87·5	86·5	84·9	83·5	82·8	82·8	83·1	84·8
26	83·0	82·9	82·9	82·8	83·0	83·0	83·9	84·1	84·5	85·8	85·9	87·0	86·6	87·5	87·9	87·9	87·6	87·3	86·5	85·1	83·1	80·6	80·9	81·9	84·7
27	81·1	81·2	79·7	77·3	80·0	80·7	81·0	81·5	82·3	84·6	85·0	86·9	87·5	88·5	89·3	88·0	89·2	88·6	86·7	84·6	82·9	81·2	80·5	79·6	83·7
28	79·9	79·4	78·3	77·0	77·9	79·3	83·3	87·6	89·1	89·6	90·5	92·1	91·4	90·0	89·9	89·7	90·0	89·5	89·3	87·5	84·2	83·2	82·0	81·6	85·5
29	83·0	83·0	83·7	83·9	83·9	84·2	85·6	87·0	87·6	87·8	88·5	89·5	89·8	90·6	90·0	89·2	88·9	88·0	87·2	86·5	85·4	84·9	85·1	85·6	86·5
30	85·6	85·6	85·6	85·7	85·8	86·0	85·9	86·7	88·0	88·3	88·5	89·7	91·1	91·0	91·0	90·9	89·9	89·1	87·0	86·3	85·3	84·2	83·8	83·1	87·3
Mean ...	82·01	81·84	81·39	**81·03**	81·77	83·14	84·62	86·05	87·24	87·74	88·42	88·95	89·39	89·68	**89·87**	89·78	89·39	88·63	87·49	86·00	84·49	83·52	82·78	82·42	85·73
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

134. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulb above ground) = 0·9 metres. **July, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	83·2	82·3	81·0	81·0	81·8	83·3	85·0	88·6	89·6	90·3	91·5	92·5	93·0	93·9	93·2	93·0	91·3	91·1	89·9	89·2	86·9	85·3	84·3	84·2	87·7
2	83·3	83·0	82·5	82·4	83·0	83·5	84·0	84·7	86·9	88·1	89·5	91·3	91·3	93·4	93·0	92·1	92·0	91·3	90·0	88·0	85·0	83·7	82·3	81·7	87·0
3	80·5	82·0	82·7	82·9	83·2	83·8	85·0	86·5	87·0	89·9	90·2	90·3	89·8	90·2	90·3	90·8	90·0	89·0	87·7	86·5	85·5	85·0	84·9	84·9	86·5
4	84·7	84·2	84·0	84·0	84·0	84·1	85·0	85·7	87·1	88·9	89·7	90·2	91·0	91·5	91·0	90·7	90·2	89·5	88·9	88·0	85·6	84·2	82·5	82·2	87·0
5	80·0	80·3	80·0	80·1	81·5	84·7	88·1	90·3	90·0	91·9	92·2	93·1	93·7	94·0	92·8	92·8	91·0	90·0	88·9	89·0	86·6	84·3	83·3	82·1	87·5
6	82·0	81·8	81·8	82·1	82·3	83·6	85·3	87·8	87·8	88·3	88·8	88·8	88·3	88·0	87·0	87·2	86·9	86·6	86·1	86·1	86·2	86·2	85·0	85·0	85·7
7	84·7	83·8	83·7	84·0	84·0	84·6	84·3	84·3	85·0	87·4	88·6	89·5	89·6	87·8	88·0	87·4	87·0	86·9	85·9	83·9	83·3	83·3	82·6	81·5	85·5
8	82·0	82·0	81·2	81·8	82·1	82·1	84·0	85·8	86·5	87·0	87·4	88·5	87·5	87·7	87·0	86·6	86·8	86·2	85·1	84·1	84·1	84·0	83·8	83·7	84·8
9	83·8	83·0	83·3	83·3	83·0	83·2	83·7	84·8	86·8	84·9	86·8	87·4	87·0	88·2	87·4	87·0	86·7	85·1	84·9	84·3	84·0	83·9	83·7	83·8	85·0
10	83·9	84·1	84·5	84·8	85·3	85·7	85·6	85·6	85·7	85·7	87·0	87·8	88·4	88·8	86·9	86·3	86·3	86·1	85·4	84·9	84·1	83·5	83·7	84·1	85·6
11	84·7	84·7	85·0	85·3	86·3	87·3	88·9	89·0	90·1	91·0	91·2	94·2	95·3	96·0	96·1	96·0	95·8	94·9	94·0	90·9	88·8	88·0	86·9	85·1	90·2
12	83·4	83·8	82·3	83·1	83·2	84·6	86·1	87·4	89·0	90·1	93·7	94·3	94·5	95·5	94·6	95·7	95·3	93·5	92·0	89·3	88·4	85·9	85·3	84·8	89·0
13	85·2	84·8	84·7	84·5	85·0	86·0	86·7	88·0	90·7	91·3	94·1	94·1	94·3	95·0	94·9	95·8	95·1	95·3	94·0	90·3	87·0	86·0	85·3	84·3	89·7
14	83·3	82·6	81·6	80·9	80·9	83·0	88·1	91·8	93·4	92·9	92·3	90·0	90·2	90·2	88·9	89·3	89·8	88·4	87·1	86·8	86·5	86·2	86·2	86·2	87·3
15	86·1	86·0	86·1	86·1	86·2	86·3	86·5	86·8	96·9	87·3	88·0	88·5	89·8	90·1	90·0	90·5	90·2	89·5	88·5	87·0	85·0	84·3	83·0	80·3	87·2
16	79·7	78·3	77·3	77·6	78·8	80·8	83·0	85·3	86·4	87·3	88·3	88·1	87·7	88·0	86·9	86·3	86·1	86·2	86·0	85·7	84·9	84·7	84·5	84·4	**84·2**
17	84·7	84·9	84·9	84·7	84·3	84·4	84·6	85·2	85·8	86·5	87·1	87·6	87·4	87·7	87·9	88·6	88·6	88·3	87·0	86·1	85·9	86·0	85·9	85·9	86·2
18	85·7	85·9	86·3	86·1	86·5	86·7	84·8	85·6	86·1	87·4	87·9	88·3	89·3	89·4	90·7	88·8	86·9	87·8	87·8	87·0	85·0	84·0	82·7	82·5	86·7
19	82·0	82·1	80·1	80·0	81·1	84·1	85·4	87·6	88·9	90·3	90·7	90·8	92·6	92·9	93·0	93·0	90·8	90·5	90·7	87·7	86·2	85·0	86·1	85·9	87·3
20	85·3	84·5	83·8	82·8	83·7	85·6	87·8	88·2	91·6	88·8	89·0	88·0	87·3	86·7	85·9	85·8	85·9	85·3	85·7	85·8	85·2	85·8	85·3	84·9	86·2
21	85·1	85·1	85·6	85·7	85·7	85·9	86·9	88·2	90·2	91·8	93·0	95·1	95·7	96·7	97·3	98·0	98·5	98·4	95·0	93·0	90·4	90·1	89·9	88·0	91·2
22	86·8	86·3	87·7	87·2	87·5	88·7	90·1	91·1	90·9	89·8	88·6	88·3	89·5	91·4	93·0	93·4	94·1	92·2	92·1	90·8	89·4	89·1	89·2	88·5	89·8
23	89·0	88·8	88·5	89·7	90·1	90·8	91·0	92·5	92·3	94·5	94·1	95·5	95·1	95·2	95·2	94·8	92·7	91·0	89·2	88·0	87·9	87·4	87·0	86·7	**91·2**
24	86·1	86·0	85·9	85·7	85·7	85·7	86·1	86·4	87·1	87·4	87·9	88·3	89·5	90·3	89·9	89·4	88·0	87·5	87·0	86·5	86·1	85·9	85·8	85·4	87·1
25	85·3	85·1	85·0	84·9	85·0	85·7	87·9	89·5	91·6	93·9	93·6	94·9	95·1	95·8	94·4	93·6	94·0	92·3	91·0	90·1	89·5	89·2	89·0	88·7	90·1
26	87·9	85·0	85·0	84·8	84·3	84·1	84·2	84·3	85·1	85·8	86·0	87·6	87·8	88·8	89·3	85·1	84·3	84·3	83·4	82·9	82·6	81·2	80·8	81·0	85·0
27	81·0	80·8	79·1	78·3	79·1	80·5	81·2	84·1	86·1	87·5	87·1	88·2	88·2	87·9	88·8	89·4	88·3	87·7	87·0	86·4	85·1	84·4	83·3	83·8	84·7
28	83·6	83·4	82·9	81·7	80·3	82·1	85·0	88·4	89·8	90·3	89·3	90·1	88·7	88·2	88·1	87·0	84·9	84·9	84·3	83·7	83·6	83·3	83·2	83·3	85·4
29	83·2	81·9	81·9	81·9	81·1	82·0	83·9	85·0	87·0	87·9	88·8	88·7	88·9	87·5	87·1	87·9	87·7	87·1	86·6	85·9	86·0	85·5	85·1	84·9	85·5
30	84·9	84·3	85·1	84·7	85·0	85·1	86·2	87·1	87·4	88·9	89·0	88·3	88·3	89·8	90·7	89·0	89·4	87·6	87·7	86·1	85·6	85·3	84·7	84·9	86·9
31	84·3	84·0	82·8	83·1	82·9	84·3	84·9	85·9	86·1	86·6	87·0	87·7	88·0	88·1	88·5	87·3	87·2	88·1	86·0	84·4	83·3	82·6	81·9	81·3	85·3
Mean ...	84·05	83·70	83·43	**83·39**	83·64	84·59	85·78	87·15	88·22	89·02	89·63	90·19	90·41	**90·80**	90·57	90·28	89·74	89·12	88·22	87·04	85·93	85·27	84·75	84·32	87·05

135. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **August, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	80·9	82·2	82·9	82·0	82·9	83·1	83·5	84·7	85·7	86·7	87·0	89·1	86·4	88·0	87·0	88·0	87·3	84·7	84·5	84·0	83·5	83·1	82·9	83·0	84·7
2	82·2	82·2	82·1	82·0	81·0	82·1	82·4	85·1	86·2	86·3	87·2	88·0	88·6	88·9	88·6	89·0	87·1	86·1	86·8	85·6	85·1	84·8	83·4	81·8	85·1
3	80·3	79·6	79·3	79·0	79·0	80·3	83·4	84·7	85·0	85·0	84·6	85·5	84·5	84·7	85·5	85·8	85·9	86·1	86·1	86·1	86·1	86·0	86·0	85·2	83·8
4	83·0	82·0	80·5	81·2	82·3	83·3	85·0	85·5	86·7	87·2	88·0	89·2	89·2	89·9	90·1	89·6	89·0	88·8	87·9	87·3	86·3	85·0	83·2	81·0	86·0
5	79·9	79·4	78·4	78·1	78·0	81·0	83·5	88·0	89·4	90·6	90·0	90·6	89·5	88·0	86·9	87·2	85·9	86·2	86·0	85·8	85·2	85·6	85·3	85·2	85·1
6	85·3	85·6	85·8	85·5	86·0	86·6	86·4	86·9	87·7	88·0	88·3	88·9	89·2	89·0	90·1	89·5	89·7	88·9	87·3	86·1	85·0	83·0	82·7	82·9	86·9
7	83·5	85·0	83·8	84·3	84·5	85·1	85·4	85·8	86·9	86·9	87·1	86·9	87·1	87·3	87·2	87·2	86·9	86·5	86·9	86·9	86·2	86·2	86·0	85·8	86·0
8	85·6	85·5	85·6	86·0	85·9	86·0	86·1	86·9	87·4	88·0	87·9	89·1	90·7	90·5	90·9	90·6	90·3	88·5	87·3	85·8	82·0	83·0	83·0	83·9	87·0
9	84·2	84·8	86·0	85·8	86·0	86·2	86·6	87·3	87·3	87·6	87·9	89·1	89·2	89·4	88·8	89·2	89·2	88·4	87·1	85·5	85·6	86·0	86·0	85·8	87·0
10	85·7	85·4	85·8	85·3	85·3	85·3	85·9	86·0	87·8	87·2	88·7	88·0	87·7	88·2	89·9	90·0	86·9	86·2	86·3	85·3	84·1	84·0	82·1	82·2	86·3
11	81·4	83·0	81·9	82·2	82·8	82·8	83·7	85·1	86·8	87·0	87·2	86·1	87·4	87·6	87·1	87·0	87·0	86·4	85·5	84·7	84·2	84·0	84·1	84·4	84·9
12	84·5	84·7	85·0	84·1	84·3	85·0	85·2	85·8	85·9	86·5	87·0	87·5	87·5	87·2	87·4	87·6	88·1	88·0	88·0	87·9	87·7	87·5	87·0	86·7	86·5
13	86·7	86·8	86·9	87·0	86·9	86·9	86·8	87·3	87·3	88·1	88·4	90·1	91·0	88·7	89·2	89·1	90·0	89·1	88·5	88·1	87·9	85·2	85·1	84·8	**87·8**
14	84·6	84·4	84·6	84·6	84·2	84·3	85·0	85·3	86·4	87·8	88·5	89·8	89·2	91·0	90·0	89·9	89·1	88·1	87·6	86·4	86·1	85·1	84·4	83·3	86·7
15	83·2	82·0	82·0	82·0	81·0	82·0	83·0	87·0	89·1	89·8	89·8	90·2	91·9	92·8	92·6	91·8	91·5	90·2	88·8	85·4	82·4	81·0	79·5	78·4	86·2
16	77·0	77·1	76·8	76·4	76·1	78·0	82·0	85·9	88·6	89·0	90·1	90·5	91·9	93·0	93·9	94·0	93·0	92·0	89·0	85·5	84·8	82·6	81·5	79·7	85·3
17	78·5	77·8	76·8	77·1	76·1	77·9	81·5	85·0	87·9	89·7	90·6	91·6	91·3	92·2	92·8	93·1	93·1	92·0	89·0	86·9	84·5	83·8	83·1	82·0	85·5
18	82·8	82·3	82·0	82·0	81·5	82·1	84·8	85·0	85·6	86·3	88·1	88·9	89·4	89·9	90·7	90·2	90·0	89·0	88·0	86·0	85·0	84·6	84·3	84·4	85·9
19	83·9	83·7	83·7	83·4	83·0	83·1	83·4	83·7	84·0	84·9	85·2	87·3	88·0	88·1	89·4	88·9	87·9	87·8	87·3	86·9	86·6	86·1	86·0	85·7	85·7
20	85·2	84·9	83·9	84·3	84·6	84·9	85·3	85·8	86·7	88·0	88·9	89·0	90·0	90·2	90·2	90·0	90·0	88·1	87·9	87·2	87·1	87·0	87·0	86·4	87·2
21	86·5	86·2	85·7	85·7	85·5	85·2	85·5	86·1	86·1	86·7	88·0	89·3	90·1	90·6	89·1	90·0	89·0	88·0	87·7	86·6	85·8	85·9	85·8	85·5	87·1
22	85·5	85·8	85·5	85·5	85·4	85·6	85·9	86·0	86·7	87·9	89·2	89·2	88·1	87·8	85·0	85·2	85·4	85·4	85·3	85·4	85·3	85·1	85·1	85·0	86·1
23	85·2	85·3	85·3	85·3	85·5	85·7	86·0	86·2	88·5	88·0	88·9	90·0	90·0	87·9	86·8	87·7	86·3	86·4	86·7	85·5	85·3	84·2	84·3	83·7	86·5
24	83·3	82·3	82·7	81·9	81·0	81·0	83·0	86·6	89·0	88·0	86·9	87·1	87·0	87·9	87·0	87·0	85·3	84·9	84·3	84·0	83·9	83·7	83·3	83·2	84·8
25	83·2	83·2	82·6	81·9	83·0	83·2	84·0	85·7	86·4	86·8	87·5	88·2	89·9	89·8	90·5	90·4	88·2	86·8	84·0	82·0	80·9	79·3	78·1	77·5	84·8
26	76·0	75·5	75·4	75·7	76·0	86·9	78·3	82·0	83·9	83·5	84·0	85·0	85·1	85·0	85·4	85·9	87·8	88·0	88·1	85·0	84·2	83·2	82·9	82·6	**82·2**
27	83·5	84·1	85·9	85·7	85·0	85·0	84·9	85·2	85·7	85·9	87·0	86·9	88·9	88·8	88·5	87·5	87·9	86·9	86·1	84·1	84·0	84·0	83·1	81·5	85·7
28	80·5	80·7	79·8	80·1	80·3	80·7	81·1	84·1	86·1	87·1	88·0	88·8	88·9	88·9	87·9	86·9	86·6	87·1	87·8	87·9	88·0	86·3	86·5	86·0	85·2
29	85·9	84·5	84·2	84·7	84·2	84·2	84·5	84·8	85·0	86·2	87·0	87·0	87·5	87·0	86·4	86·1	86·7	86·0	84·5	84·1	83·8	83·4	84·2	83·7	85·3
30	83·3	83·6	83·2	83·7	83·3	83·2	83·5	83·7	84·1	85·1	85·8	86·1	84·2	84·7	83·9	83·8	84·2	84·3	84·9	85·3	86·3	87·3	87·9	87·8	85·0
31	88·1	88·2	88·2	88·1	88·0	87·9	87·9	88·0	88·8	89·1	89·9	89·7	90·0	90·8	89·0	88·0	87·9	86·9	84·9	84·1	83·7	83·9	83·1	83·0	87·5
Mean ...	83·21	83·15	82·98	82·92	**82·86**	83·37	84·31	85·65	86·73	87·25	87·83	88·47	88·69	**88·83**	88·64	88·59	88·17	87·48	86·78	85·72	85·05	84·51	84·09	83·62	85·79
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

136. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulb above ground) = 0·9 metres. **September, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	82·1	82·9	82·9	82·6	82·8	82·8	82·9	83·2	83·7	83·9	83·1	85·2	85·7	85·2	84·7	84·1	83·8	83·1	82·3	82·0	81·6	81·1	81·2	81·0	83·1
2	81·0	80·9	81·0	81·2	81·1	81·2	82·0	83·6	83·9	83·6	83·6	83·8	83·0	84·0	85·0	85·1	84·9	84·1	83·3	83·2	83·2	83·3	83·7	83·9	83·0
3	83·5	83·1	82·6	81·0	80·0	79·8	81·0	82·0	83·9	84·6	85·2	85·1	86·4	86·3	85·3	85·3	85·0	83·8	82·0	80·0	79·6	79·8	80·0	78·6	82·8
4	78·7	78·8	77·5	77·0	78·8	78·5	79·8	80·8	81·5	82·3	83·0	82·7	83·7	85·0	85·0	84·4	83·7	81·6	80·2	79·5	79·4	79·1	79·3	79·4	80·8
5	79·7	80·0	80·1	80·0	80·2	79·8	80·0	80·8	83·1	84·0	85·0	85·3	84·6	85·0	84·1	84·2	83·9	82·8	81·0	80·2	80·4	80·0	80·7	80·7	81·9
6	81·2	81·0	80·6	80·3	80·2	79·0	82·2	83·2	84·1	83·2	84·0	84·7	86·3	86·7	86·7	86·0	85·7	84·9	83·5	81·1	80·3	80·9	79·1	79·7	82·7
7	79·7	79·7	79·5	80·4	81·0	81·3	81·7	82·3	83·0	83·2	83·6	83·8	84·2	84·3	85·7	85·0	83·9	83·9	83·1	82·6	82·3	82·8	82·7	82·8	82·5
8	82·9	83·0	83·1	83·1	81·5	81·5	80·8	81·5	82·5	83·8	84·5	85·5	85·5	86·1	85·9	85·8	83·9	82·0	81·3	81·0	80·7	79·4	79·2	79·4	82·7
9	79·5	79·5	79·4	79·2	79·1	78·9	79·1	79·8	80·6	80·8	81·8	82·0	81·4	81·0	82·3	79·6	77·8	76·4	75·8	78·1	78·3	78·7	79·1	79·3	79·5
10	79·5	79·8	79·8	79·0	78·7	78·2	80·6	82·1	83·5	83·5	83·9	84·7	84·6	85·4	84·8	84·9	84·6	84·1	81·3	81·7	81·9	81·4	81·6	81·6	82·1
11	81·5	81·5	81·6	81·5	81·0	80·3	80·9	81·7	83·3	83·8	83·1	82·9	82·9	82·1	83·9	83·6	81·9	81·1	80·3	79·0	78·7	78·4	77·8	77·8	81·4
12	78·1	77·9	76·9	76·3	76·0	74·6	75·8	81·0	83·1	84·2	83·3	84·4	84·6	85·0	85·1	84·7	83·3	82·9	81·2	78·0	77·5	76·6	76·4	75·1	80·1
13	73·4	73·2	72·5	71·6	71·5	71·7	72·5	76·0	79·1	82·9	84·2	84·6	85·1	85·5	85·8	85·0	84·1	83·9	82·1	81·4	80·1	81·9	81·2	82·0	79·5
14	82·6	83·6	83·9	83·9	83·9	83·9	83·7	84·0	84·1	84·6	85·0	85·0	85·4	85·8	85·9	85·8	85·3	85·0	84·5	84·5	84·5	84·3	83·9	82·8	84·4
15	82·0	81·5	80·2	79·9	79·3	81·0	81·5	82·3	83·7	85·5	85·8	87·1	87·0	87·2	88·1	87·0	86·0	85·2	84·5	84·6	84·5	83·7	83·3	83·5	83·9
16	83·2	83·0	82·3	82·6	82·6	82·9	83·1	84·0	84·6	85·8	87·7	87·8	87·1	88·9	88·6	88·0	86·8	82·9	79·9	79·2	77·5	76·4	75·5	75·2	83·3
17	73·3	72·3	71·5	70·6	70·6	70·1	74·7	78·0	82·1	83·9	85·5	85·3	85·0	84·1	83·8	83·6	82·1	81·9	80·9	80·6	80·9	80·9	80·9	80·8	79·2
18	80·9	80·9	81·0	81·0	81·9	81·0	82·2	82·9	83·3	84·1	85·0	84·3	84·5	85·2	86·8	85·8	84·8	84·1	84·1	84·0	84·5	84·0	83·9	83·2	83·4
19	83·8	83·3	83·3	83·0	83·0	82·1	82·0	82·1	82·9	83·6	83·9	84·0	84·1	84·0	83·7	82·3	81·2	81·0	80·6	80·4	78·5	79·1	78·5	77·6	82·1
20	78·2	78·8	79·0	79·5	80·1	80·3	80·0	80·2	81·6	83·2	84·4	83·8	84·2	84·0	85·0	84·0	83·0	81·9	80·5	80·2	79·7	79·7	78·0	78·2	81·1
21	77·4	78·1	78·8	79·0	79·1	79·5	79·9	81·2	81·3	83·5	84·7	84·9	86·7	86·1	86·0	85·3	84·1	82·4	81·3	80·5	79·3	78·6	78·3	78·5	81·4
22	79·8	79·5	79·7	79·7	79·8	80·5	80·4	80·6	81·3	81·3	81·0	81·1	81·7	82·0	82·2	82·5	82·0	81·8	81·5	81·3	81·4	81·3	81·6	81·7	81·0
23	81·0	80·7	80·8	80·8	79·4	78·6	80·0	81·7	83·0	84·1	85·0	85·6	84·8	84·2	84·4	84·5	83·4	82·4	81·6	81·0	81·0	80·4	79·0	79·0	82·0
24	78·8	78·9	79·5	78·8	78·6	77·9	77·9	80·1	81·3	82·9	84·0	84·2	83·4	82·3	83·2	81·4	83·0	79·8	78·2	77·0	77·1	77·2	77·6	75·5	80·0
25	74·8	74·6	74·5	73·5	72·9	72·4	72·3	74·0	76·8	80·3	82·0	82·8	83·0	83·0	82·8	82·1	81·6	81·0	80·8	80·9	81·7	81·8	81·7	82·3	**78·8**
26	81·5	81·0	80·7	80·8	81·1	81·1	80·8	80·8	80·9	81·1	81·8	82·2	82·8	83·3	83·4	82·1	82·0	81·5	81·5	81·8	81·5	81·4	81·4	79·8	81·6
27	78·8	79·6	78·4	78·0	78·1	77·3	78·9	80·5	82·1	83·5	84·0	84·0	84·8	85·0	85·7	84·0	82·5	80·1	79·9	80·2	79·3	79·0	79·8	81·5	81·0
28	81·0	81·1	81·8	82·0	82·0	82·5	82·8	83·2	83·8	84·0	84·9	85·0	85·0	85·3	85·2	85·2	85·3	85·3	85·3	85·4	86·0	86·5	87·0	86·9	84·2
29	86·8	86·5	86·7	86·5	86·5	86·4	86·6	86·7	86·6	86·8	87·0	87·6	88·0	88·7	88·0	87·1	86·9	86·2	85·5	85·3	83·9	83·4	82·4	83·0	**86·3**
30	83·2	82·9	82·5	81·9	81·7	82·5	83·3	83·7	84·2	85·4	87·5	88·1	88·5	88·5	88·2	87·0	84·8	82·7	81·3	80·1	79·9	78·0	78·4	78·2	83·5
Mean ...	80·26	80·25	80·07	79·86	79·74	**79·59**	80·31	81·47	82·63	83·58	84·24	84·58	84·80	84·97	**85·18**	84·51	83·74	82·63	81·64	81·16	80·84	80·64	80·44	80·30	81·98

137. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **October, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	78·8	78·4	77·4	77·8	77·0	77·0	79·8	83·4	83·8	86·3	86·9	87·8	88·2	89·3	88·1	87·9	85·4	83·0	83·0	81·4	82·5	79·8	80·0	81·3	82·6
2	81·4	82·0	82·9	82·7	82·3	82·0	82·0	83·9	85·0	85·0	84·9	87·0	87·3	88·0	87·8	86·4	85·2	83·7	83·4	83·0	82·9	82·9	82·3	82·4	84·0
3	82·5	82·8	83·0	83·1	83·2	83·3	83·5	83·8	84·2	84·9	86·0	87·1	87·2	87·3	87·9	87·9	87·7	87·5	87·0	86·5	86·2	86·0	85·7	85·6	85·3
4	85·4	82·9	82·1	82·1	81·9	81·5	81·3	81·2	81·7	82·3	83·1	84·0	84·8	85·0	85·2	85·3	84·7	82·5	82·6	83·0	82·0	81·9	80·7	81·3	82·9
5	81·6	82·0	82·6	82·7	82·3	81·6	82·6	83·1	83·6	84·7	87·6	89·3	91·7	92·8	92·4	90·0	87·6	86·7	86·3	85·4	84·9	83·9	83·2	83·3	**85·5**
6	83·3	83·3	83·3	83·5	83·4	83·0	82·8	83·0	83·5	84·0	84·3	84·7	85·1	85·4	85·4	85·8	86·0	85·8	85·3	85·0	84·2	83·0	82·9	82·7	84·1
7	81·8	81·9	82·9	83·0	82·9	81·2	81·0	81·3	81·0	80·2	80·7	80·7	80·8	80·7	80·0	80·1	79·7	79·1	78·9	78·8	78·0	77·5	75·3	74·7	80·3
8	73·9	74·5	73·9	74·4	74·0	74·2	74·5	76·1	78·9	79·5	81·2	81·0	82·0	82·2	82·5	82·4	81·3	78·2	77·9	77·2	76·0	75·2	75·7	75·3	77·6
9	75·8	75·7	74·6	73·8	73·1	73·0	72·1	79·7	81·8	83·0	84·0	84·7	85·2	85·8	85·5	85·1	82·0	80·0	78·0	75·3	74·8	74·0	73·3	72·3	78·5
10	73·3	71·4	71·5	71·2	72·2	72·8	73·0	73·2	77·0	79·9	81·0	83·3	85·4	86·9	87·6	85·7	82·4	80·3	80·0	79·9	80·8	81·0	79·2	77·4	78·5
11	77·8	77·4	77·9	78·1	79·3	79·9	80·5	81·9	83·5	83·9	84·8	85·3	85·4	85·6	86·9	85·4	84·5	83·5	83·2	83·1	83·0	83·0	83·2	83·5	82·4
12	83·1	82·9	82·7	82·4	82·7	79·3	78·8	78·6	78·9	79·1	79·8	80·9	80·8	81·1	81·0	81·0	80·3	79·1	78·9	78·3	78·1	78·0	78·0	77·9	80·2
13	77·9	77·8	77·8	77·4	76·9	76·7	76·4	76·8	77·1	78·0	79·0	78·3	78·2	78·9	78·5	78·0	76·2	76·6	74·7	73·8	74·3	74·2	74·0	74·2	76·8
14	74·2	74·1	73·4	73·5	74·5	74·8	74·9	75·9	77·5	78·6	79·0	79·2	79·9	80·0	79·6	78·9	77·9	76·7	75·5	76·1	76·7	76·5	76·6	75·7	76·6
15	75·5	75·6	75·5	75·3	75·4	75·0	73·6	76·0	79·0	78·9	79·0	79·2	79·0	78·0	77·1	76·4	76·1	75·8	75·3	75·1	74·8	74·2	73·9	72·3	76·2
16	71·6	71·9	70·7	71·0	71·9	71·3	71·5	72·1	75·1	77·8	78·3	79·2	80·0	80·1	79·8	78·2	77·0	74·2	74·0	73·8	74·0	75·0	75·2	75·2	**74·9**
17	75·4	75·8	75·3	75·9	76·4	77·1	77·8	79·7	83·6	85·4	84·9	84·0	85·0	85·0	83·7	83·5	82·7	81·8	81·4	81·5	81·6	81·4	81·7	81·0	80·8
18	81·0	81·6	80·8	81·0	81·2	81·4	80·7	81·2	81·3	81·3	80·9	81·6	81·1	81·5	80·6	80·0	78·3	77·9	76·0	75·7	75·3	75·7	74·7	74·3	79·5
19	74·2	75·4	75·2	74·9	75·1	74·7	74·8	74·6	76·8	78·1	79·4	80·3	80·1	79·9	79·3	79·1	78·2	78·2	78·0	78·0	78·0	78·0	78·0	77·6	77·3
20	77·3	77·6	77·7	78·0	78·6	78·6	78·5	78·5	78·7	79·0	79·1	79·6	80·0	80·4	80·7	80·9	81·0	81·6	81·4	81·6	81·8	82·4	83·0	83·9	79·9
21	84·0	84·2	84·4	84·5	85·5	85·6	85·6	85·3	85·1	84·9	84·9	85·0	85·1	85·1	85·2	85·3	85·2	85·2	85·1	84·9	84·7	84·6	84·8	84·6	84·9
22	84·3	84·3	84·0	83·8	83·7	83·8	83·9	84·0	84·2	84·0	83·8	84·7	84·5	84·9	84·7	84·6	84·2	84·0	84·0	84·2	84·3	84·1	83·7	83·3	84·2
23	83·2	83·4	83·3	83·0	82·8	82·7	82·4	82·7	82·8	83·9	84·1	84·2	84·0	83·8	83·5	83·1	83·1	83·0	83·1	83·2	83·3	83·1	82·9	82·9	83·2
24	82·7	82·5	82·7	82·5	82·4	82·3	82·1	82·5	83·0	83·3	83·8	84·7	84·1	83·7	83·3	82·9	82·1	82·0	80·3	79·2	79·0	78·8	78·6	78·2	82·0
25	78·0	79·9	79·9	80·0	79·9	80·9	81·0	81·6	81·5	83·8	82·4	83·1	82·2	82·9	83·1	82·3	82·0	81·7	81·3	81·2	81·2	81·0	80·8	81·0	81·3
26	81·2	81·3	81·1	81·8	81·4	81·1	81·5	82·5	82·9	82·2	82·6	82·9	82·5	82·7	83·9	83·0	82·0	81·3	82·1	81·8	82·1	82·4	82·2	82·3	82·1
27	82·0	81·8	80·1	79·8	79·9	80·6	80·0	81·0	81·6	81·8	81·3	82·0	82·0	82·1	81·5	82·0	81·9	81·9	81·8	81·7	81·0	80·8	80·7	80·8	81·3
28	80·1	80·0	79·5	79·8	79·7	79·5	79·4	79·3	80·0	80·3	80·4	80·9	82·0	81·6	82·1	81·9	81·5	81·9	81·9	82·0	81·9	81·6	82·3	83·2	80·9
29	83·9	84·2	84·3	84·1	82·1	81·3	81·4	81·1	82·0	82·8	83·4	83·7	83·4	83·0	84·8	84·7	84·3	84·1	83·9	83·8	83·6	83·0	82·8	82·2	83·3
30	82·1	82·1	82·0	82·0	82·1	82·3	82·2	82·0	82·3	82·8	82·7	83·5	83·3	83·6	83·6	83·5	83·6	83·7	83·7	83·6	83·6	84·0	83·7	83·8	83·0
31	83·5	82·7	82·6	82·8	82·5	82·7	81·1	81·0	81·8	85·0	85·3	85·3	85·1	84·6	84·1	83·8	83·0	82·4	82·1	82·3	82·8	83·0	82·5	81·3	83·1
Mean ...	79·73	79·72	79·52	79·55	79·56	79·39	**79·38**	80·23	81·26	82·09	82·54	83·14	83·40	**83·61**	83·52	83·07	82·16	81·40	80·97	80·66	80·56	80·32	80·05	79·85	81·07
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

138. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulb above ground) = 0·9 metres. **November, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	81·2	81·1	81·2	81·7	81·4	80·3	80·3	80·7	82·1	82·3	83·7	83·4	83·6	83·9	83·0	82·6	82·8	83·5	83·5	82·9	82·5	82·5	82·5	82·4	**82·3**
2	82·5	82·2	82·2	82·1	82·1	82·1	82·0	82·0	81·4	81·7	83·0	82·7	82·5	83·4	83·5	83·0	82·4	81·6	80·7	80·3	80·9	81·1	81·1	80·7	82·0
3	80·8	80·8	81·0	81·1	81·1	81·1	81·3	81·0	81·1	81·1	81·9	81·9	81·7	81·7	81·6	81·7	81·2	80·9	80·1	80·8	80·8	80·7	80·3	80·0	81·1
4	80·1	80·0	80·0	80·0	78·4	78·1	78·5	78·2	79·5	79·9	80·7	81·3	82·0	82·5	81·9	81·4	81·1	79·9	79·5	79·3	79·1	79·2	79·2	79·3	80·0
5	79·4	79·4	79·5	79·2	79·0	79·1	79·2	79·3	79·8	79·9	80·7	81·7	81·9	82·1	81·3	79·5	78·7	79·0	78·9	79·4	78·9	77·5	79·3	79·2	79·7
6	78·8	77·7	78·8	78·2	77·1	77·5	77·1	77·2	77·0	78·5	78·6	78·9	79·4	79·3	79·0	78·2	78·1	78·0	77·7	77·6	77·5	77·4	77·2	76·0	78·0
7	76·9	77·3	76·3	77·3	76·9	77·0	77·1	77·3	77·2	77·0	77·3	77·1	76·9	76·9	76·4	76·3	76·0	75·7	75·7	75·4	75·6	75·9	75·3	75·1	76·5
8	74·9	74·6	74·9	73·7	73·6	74·0	73·9	73·6	73·2	75·2	75·7	74·9	74·7	75·9	75·5	74·9	74·8	74·3	73·7	73·0	72·6	72·4	72·2	72·1	74·2
9	72·4	71·1	70·5	69·6	69·7	68·8	69·6	68·9	70·4	72·3	74·2	75·8	76·3	76·7	76·0	73·4	71·8	70·1	69·3	68·7	68·2	68·2	67·0	67·0	71·2
10	66·0	66·4	67·0	66·9	66·8	66·5	69·4	69·7	71·9	74·2	75·2	74·9	75·4	75·4	75·5	73·7	73·1	73·1	72·2	74·0	73·7	73·0	71·7	71·0	71·4
11	71·0	71·6	70·7	69·3	68·9	69·0	68·0	68·0	69·9	73·0	75·1	77·9	78·5	78·9	77·9	74·6	72·8	71·2	70·0	68·7	67·7	67·0	67·5	67·5	71·5
12	66·6	66·5	66·0	66·1	65·9	65·5	65·1	64·9	66·5	69·5	72·8	76·2	77·1	77·0	76·0	73·0	71·3	69·8	68·7	67·8	67·2	67·3	66·1	66·7	**69·2**
13	65·7	66·4	68·1	66·5	66·0	66·0	66·0	65·0	66·7	68·5	71·1	73·0	75·6	76·6	75·2	72·5	72·0	72·0	71·6	70·3	69·2	68·2	67·9	67·9	69·5
14	69·0	68·8	69·5	70·2	70·5	71·1	71·1	71·5	71·7	70·2	72·3	72·8	73·2	73·3	73·8	73·7	73·3	73·5	73·2	73·0	72·9	72·2	70·2	68·6	71·7
15	68·0	67·0	66·0	65·8	66·0	67·7	67·7	68·2	68·9	71·2	73·7	74·7	75·3	75·7	75·8	73·2	71·1	70·2	71·0	70·7	70·2	69·4	69·8	70·0	70·3
16	70·7	70·3	71·2	71·7	72·2	73·0	73·7	74·1	74·6	74·7	75·7	76·9	77·0	76·9	77·1	77·6	77·2	75·8	74·9	76·0	75·1	76·1	76·4	76·1	74·7
17	76·0	74·5	75·0	75·3	75·3	74·7	73·1	73·5	74·7	75·7	76·2	77·9	78·2	78·0	77·1	75·3	74·5	74·6	73·7	73·5	73·2	72·6	73·3	72·5	75·0
18	72·9	71·9	70·8	70·9	71·2	71·4	71·0	71·5	72·1	75·1	77·4	79·0	79·6	79·0	77·2	75·1	73·8	72·4	71·9	71·5	71·6	71·3	70·8	69·9	73·4
19	70·1	68·6	68·7	67·5	67·5	67·6	67·1	67·8	68·6	70·7	72·4	74·3	76·5	77·9	76·7	74·3	72·5	71·0	70·3	68·8	68·1	68·0	67·6	67·3	70·5
20	67·0	66·2	66·0	66·5	66·3	66·2	67·3	66·2	68·4	69·7	71·8	72·9	74·2	76·8	76·3	75·2	74·0	72·0	71·1	71·0	69·7	69·3	69·0	68·8	70·0
21	68·1	68·0	66·7	68·3	70·1	70·7	71·2	72·0	72·8	73·0	73·3	74·1	75·0	75·1	75·2	75·0	74·7	74·5	74·3	74·2	74·1	74·1	74·0	74·0	72·5
22	74·0	74·0	74·0	74·0	74·0	74·3	74·5	74·5	74·6	74·9	75·3	76·0	77·3	76·2	75·9	75·7	75·3	75·2	73·8	73·2	74·1	74·6	74·8	74·0	74·8
23	73·3	72·0	72·5	71·2	72·4	73·9	74·2	74·4	74·8	75·1	75·7	77·5	77·1	77·3	75·2	74·2	72·4	71·8	71·8	71·0	73·3	74·1	74·6	74·6	73·9
24	74·7	74·3	72·4	73·8	70·2	69·8	70·1	70·3	72·7	75·7	75·2	74·1	74·8	74·8	74·6	74·8	75·0	75·8	77·0	77·5	78·1	78·4	78·5	78·9	74·6
25	79·2	76·6	74·9	72·6	71·7	71·8	71·2	71·0	71·3	72·0	72·8	73·1	73·6	73·4	73·0	72·2	71·7	71·1	71·0	70·9	70·0	68·8	68·7	69·1	72·4
26	70·1	69·7	68·6	67·7	66·5	66·1	66·1	64·4	64·8	67·1	69·3	72·0	73·2	72·7	72·2	70·2	71·0	70·7	70·0	72·1	72·0	71·7	73·2	74·9	69·7
27	74·3	73·3	73·5	73·8	73·3	72·5	72·6	72·1	72·9	73·6	74·1	74·2	74·5	74·4	74·0	73·8	73·6	73·6	72·3	72·1	71·7	71·7	71·4	71·9	73·2
28	71·2	71·3	72·3	71·8	71·7	71·4	71·0	71·0	71·7	72·8	73·3	73·8	74·1	73·5	73·1	72·5	72·3	72·0	72·3	72·3	72·5	72·5	72·6	72·6	72·3
29	72·9	73·0	73·1	73·5	72·3	71·7	72·2	71·6	71·9	72·1	72·7	72·1	72·1	72·9	73·1	73·2	73·6	73·7	73·4	73·5	74·0	73·9	73·0	71·8	72·8
30	70·2	70·3	72·0	71·5	72·2	73·2	73·7	73·9	73·5	74·7	75·0	74·8	75·2	74·8	74·3	74·6	74·2	74·1	73·7	73·5	73·4	73·8	74·0	73·3	73·5
Mean ...	73·27	72·83	72·78	72·59	**72·34**	72·40	72·51	72·46	73·22	74·44	75·54	76·33	76·88	**77·10**	76·58	75·51	74·88	74·37	73·91	73·77	73·60	73·43	73·31	73·11	74·05

139. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **December, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	73·4	73·8	73·3	72·9	73·2	71·7	70·7	70·9	71·8	73·2	73·3	73·4	73·0	73·3	72·5	70·8	69·9	69·9	69·7	69·3	69·9	70·1	70·0	69·3	71·7
2	69·3	69·9	70·2	69·3	69·3	70·0	68·7	69·7	69·9	72·0	73·2	73·8	74·0	73·3	73·0	70·9	70·6	72·9	73·0	73·7	74·2	73·3	74·0	74·1	71·7
3	74·3	74·2	73·9	74·0	73·9	74·0	74·1	72·5	71·3	72·0	73·9	75·6	75·8	75·6	75·8	73·2	70·9	69·9	69·8	68·6	69·1	69·7	70·4	70·8	72·7
4	71·2	72·0	72·1	72·3	72·4	72·7	73·0	70·5	69·7	71·5	73·0	74·9	75·1	75·2	73·5	70·0	68·7	67·9	67·1	66·3	67·0	67·1	67·3	67·1	70·8
5	66·7	66·8	65·7	65·8	65·8	66·3	66·6	66·3	67·4	69·0	70·6	71·1	72·2	72·0	69·9	67·4	66·9	65·7	64·2	64·7	63·9	64·0	63·0	63·5	67·0
6	63·0	62·7	62·6	62·6	63·1	63·2	64·0	64·9	65·1	66·0	69·3	71·2	73·8	74·9	73·1	71·7	69·5	68·5	67·9	67·5	67·4	68·8	69·7	70·1	67·4
7	70·1	70·7	71·5	71·4	71·6	72·2	72·9	72·6	72·4	72·7	73·9	74·5	75·1	75·0	76·0	75·7	76·9	77·3	77·4	78·0	78·5	79·1	79·4	80·5	74·6
8	80·5	80·4	81·0	81·3	81·0	81·0	81·0	81·1	81·2	81·1	81·0	81·0	81·0	78·0	77·0	76·1	76·4	76·5	76·0	75·5	75·1	74·5	75·2	75·3	78·8
9	75·7	75·2	75·0	75·1	75·0	75·0	75·8	76·3	76·6	75·8	76·2	76·9	77·0	77·5	77·5	77·2	78·0	77·1	77·7	77·1	77·2	77·2	76·7	76·9	76·5
10	76·1	76·0	75·9	76·0	76·0	75·8	76·0	76·9	78·0	78·2	78·8	78·3	78·1	78·1	78·0	77·7	76·9	76·3	76·4	76·1	76·0	75·9	75·7	75·2	76·8
11	74·4	74·0	73·8	73·5	73·0	73·7	73·6	72·1	73·4	74·6	75·1	75·0	76·0	76·1	76·0	75·7	75·3	75·6	76·5	76·2	75·5	75·6	74·9	75·0	74·8
12	75·1	76·0	75·1	75·3	74·9	75·2	74·2	74·7	73·9	74·8	75·0	75·3	75·0	74·7	73·8	71·5	70·7	71·4	70·5	70·3	70·0	72·1	70·3	70·1	73·4
13	69·7	69·7	68·1	68·3	67·0	68·1	69·2	68·1	67·4	68·3	69·2	70·9	74·2	73·7	72·8	72·7	72·9	72·9	72·2	70·8	69·4	69·0	68·1	67·9	70·0
14	68·3	70·0	69·7	70·3	70·2	69·9	70·3	71·0	71·9	72·8	73·3	74·1	74·3	74·3	73·7	73·0	72·8	72·0	72·3	72·0	71·3	71·0	70·0	71·1	72·0
15	71·5	70·5	71·0	71·0	70·9	70·3	71·5	70·9	70·3	70·8	71·3	71·7	71·9	72·0	72·2	72·1	71·6	72·0	73·4	73·8	73·7	73·7	73·5	73·3	71·8
16	73·1	73·1	73·0	72·9	72·7	73·0	71·3	71·0	71·8	73·7	73·7	73·7	74·1	75·1	74·9	77·0	77·5	76·6	76·5	77·1	76·2	76·2	76·7	77·5	74·4
17	77·8	78·0	78·0	77·3	79·4	79·2	80·0	80·3	80·8	81·0	81·1	81·2	81·1	81·1	80·9	81·0	80·5	80·5	81·0	81·0	80·8	80·3	80·3	80·0	**80·1**
18	79·7	79·0	79·0	78·9	79·0	78·9	78·9	78·9	79·1	78·9	79·0	79·0	79·2	78·9	78·7	78·1	78·2	77·9	74·3	73·2	73·0	72·8	71·9	71·5	77·5
19	71·4	71·0	70·4	70·1	70·0	70·1	70·1	70·3	70·5	71·3	71·3	71·3	71·6	71·5	71·3	71·1	71·3	71·3	71·3	71·6	71·7	72·1	72·2	71·9	71·1
20	71·9	72·0	72·4	72·8	72·9	73·6	73·9	73·9	73·8	73·7	73·2	73·0	73·0	73·0	72·5	72·3	72·1	72·2	72·0	72·1	72·2	72·3	72·3	72·1	72·7
21	72·1	72·1	72·1	72·0	72·3	72·2	72·4	72·2	72·1	72·3	72·4	72·9	72·9	73·0	72·9	72·5	72·3	72·2	72·1	72·1	72·1	72·0	72·0	72·3	72·3
22	72·5	72·5	72·5	72·3	72·5	72·1	71·9	72·5	72·3	72·0	72·2	72·1	72·1	72·0	72·2	72·0	71·5	71·3	71·1	70·8	69·9	70·0	69·8	70·0	71·7
23	69·8	68·5	69·0	68·7	69·8	70·7	69·8	67·7	67·1	67·5	69·6	71·1	72·5	72·0	71·9	71·3	71·5	71·0	68·5	69·9	70·7	70·9	70·6	70·1	70·0
24	71·0	71·3	70·7	71·0	69·9	70·3	70·3	70·2	70·8	71·6	71·5	71·8	72·1	71·9	72·0	71·5	71·4	71·7	71·7	70·7	70·5	70·2	69·5	70·2	71·0
25	70·1	70·5	70·1	68·5	67·2	67·9	64·1	65·0	64·7	64·8	64·2	64·0	63·6	63·8	63·4	63·7	64·5	65·5	66·4	66·5	68·1	69·6	69·9	70·6	**66·5**
26	70·2	70·4	70·6	70·8	71·2	71·9	73·4	73·8	76·3	77·0	76·0	76·0	75·5	75·4	75·1	75·3	75·4	75·0	75·4	76·0	76·2	76·9	77·1	77·5	74·4
27	78·1	77·3	77·1	77·0	77·2	77·3	77·8	78·0	78·1	78·4	78·5	78·7	78·3	79·0	79·0	78·5	78·0	78·1	78·6	78·3	78·0	78·1	78·0	77·6	78·0
28	77·5	77·7	77·2	77·3	77·2	77·1	78·4	78·7	77·9	77·5	77·4	77·8	78·2	77·7	77·3	77·1	77·1	77·2	77·1	79·4	79·9	80·7	80·4	80·2	78·0
29	80·3	80·5	80·5	80·0	79·4	79·0	78·1	78·1	80·9	81·3	81·5	82·0	81·6	80·9	80·6	79·9	78·4	78·3	77·8	77·4	77·0	77·3	79·4	79·8	79·6
30	79·4	78·6	77·3	76·3	76·7	76·5	77·8	78·6	78·5	77·9	78·9	79·1	79·6	79·0	78·3	78·6	78·1	77·7	77·4	77·0	78·2	78·7	76·2	76·0	78·0
31	76·6	77·8	78·2	78·5	78·4	77·9	77·8	77·8	77·3	76·6	77·2	78·5	78·5	78·0	76·3	76·7	75·7	75·1	74·5	73·2	73·3	72·3	70·7	69·5	76·2
Mean ...	73·25	73·30	73·13	73·02	**73·00**	73·12	73·15	73·08	73·30	73·82	74·31	74·87	75·17	**75·35**	74·91	73·95	73·60	73·47	73·19	73·10	73·10	72·95	73·07	73·13	73·60
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

TEMPERATURE: ANNUAL MEANS OF HOURLY VALUES.

From readings in degrees absolute at exact hours, Greenwich Mean Time.

140. Eskdalemuir : Louvred Hut : h_t = 9·0 metres. **1925.**

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
78·11	78·98	77·89	**77·73**	77·77	78·04	78·51	79·26	80·08	80·76	81·33	81·89	82·22	**82·38**	82·28	81·84	81·30	80·74	80·08	79·50	79·07	78·72	78·45	78·26	79·75

TEMPERATURE: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

141. Eskdalemuir : Louvred Hut : h_t = ·09 metres. **1925.**

Month.	Mean.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
Jan.	276·67	−0·33	−0·39	−0·54	−0·45	−0·50	−0·59	**−0·66**	−0·46	−0·48	−0·14	+0·25	+0·75	**+1·14**	+1·11	+0·95	+0·66	+0·33	+0·12	+0·01	+0·08	−0·15	−0·26	−0·29	−0·19
Feb.	275·19	**−0·85**	−0·76	−0·60	−0·54	−0·48	−0·59	−0·63	−0·65	−0·25	+0·15	+0·61	+1·11	+1·43	**+1·46**	+1·20	+1·00	+0·46	+0·20	−0·02	−0·15	−0·30	−0·48	−0·63	−0·66
Mar.	276·40	−1·35	−1·27	−1·43	−1·63	**−1·68**	−1·65	−1·60	−0·75	+0·18	+0·93	+1·51	+1·91	+2·36	**+2·42**	**+2·42**	+1·97	+1·37	+0·58	−0·16	−0·43	−0·46	−0·80	−1·02	−1·31
April	277·74	−1·90	−2·32	−2·29	−2·44	**−2·62**	−2·39	−1·76	−0·41	+0·98	+1·62	+2·00	+2·67	+3·08	+2·99	**+3·18**	+2·61	+2·02	+1·55	+0·28	−0·70	−1·16	−1·41	−1·75	−1·85
May	281·77	−1·72	−1·99	**−2·45**	−2·21	−2·10	−1·65	−1·04	−0·42	+0·21	+0·83	+1·29	+1·98	+2·10	+2·45	**+2·57**	+2·30	+1·87	+1·50	+0·79	−0·05	−0·49	−0·94	−1·30	−1·49
June	285·73	−3·68	−3·85	−4·31	**−4·67**	−3·93	−2·57	−1·09	+0·34	+1·52	+2·02	+2·69	+3·22	+3·66	+3·94	**+4·13**	+4·03	+3·64	+2·88	+1·73	+0·24	−1·27	−2·25	−2·99	−3·35
July	287·05	−3·03	−3·38	−3·64	**−3·68**	−3·43	−2·48	−1·28	+0·09	+1·16	+1·96	+2·58	+3·14	+3·36	**+3·76**	+3·53	+3·24	+2·70	+2·09	+1·19	+0·01	−1·10	~~−1·75~~ −1·75	−2·27	−2·70
Aug.	285·79	−2·55	−2·61	−2·79	−2·85	**−2·91**	−2·40	−1·47	−0·13	+0·95	+1·47	+2·04	+2·68	+2·90	**+3·03**	+2·84	+2·79	+2·37	+1·67	+0·97	−0·09	−0·76	−1·31	−1·73	−2·20
Sept.	281·98	−1·79	−1·80	−1·97	−2·17	−2·29	**−2·43**	−1·70	−0·54	+0·63	+1·59	+2·25	+2·60	+2·83	+3·00	**+3·22**	+2·56	+1·79	+0·69	−0·29	−0·77	−1·08	−1·28	−1·47	−1·60
Oct.	281·07	−1·32	−1·31	−1·51	−1·49	−1·48	−1·65	**−1·67**	−0·82	+0·20	+1·03	+1·47	+2·07	+2·33	**+2·53**	+2·44	+1·98	+1·07	+0·30	−0·13	−0·44	−0·55	−0·79	−1·07	−1·27
Nov.	274·05	−0·90	−1·33	−1·37	−1·55	**−1·79**	−1·72	−1·59	−1·63	−0·86	+0·37	+1·48	+2·28	+2·84	**+3·07**	+2·56	+1·50	+0·88	+0·39	−0·06	−0·19	−0·35	−0·51	−0·62	−0·81
Dec.	273·60	−0·41	−0·35	−0·52	−0·62	**−0·64**	−0·51	−0·48	−0·54	−0·32	+0·21	+0·70	+1·27	+1·58	**+1·76**	+1·33	+0·37	+0·03	−0·10	−0·37	−0·46	−0·45	−0·60	−0·47	−0·41
Year	279·75	−1·65	−1·78	−1·95	**−2·03**	−1·99	−1·72	−1·25	−0·49	+0·33	+1·00	+1·57	+2·14	+2·47	**+2·63**	+2·53	+2·08	+1·54	+0·99	+0·33	−0·25	−0·68	−1·03	−1·30	−1·49

ABSOLUTE EXTREMES OF TEMPERATURE FOR EACH DAY.

Maximum and minimum for the interval 0h. to 24h., Greenwich Mean Time.

142. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **1925.**

Month	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	80·7	73·2	78·4	72·6	77·3	74·3	80·0	72·9	81·8	72·0	83·5	78·4	94·1	80·6	89·1	80·8	86·9	81·0	89·5	76·1	**84·2**	80·0	74·0	67·6
2	81·2	74·3	80·2	76·0	78·5	73·8	79·4	70·6	83·6	**70·6**	86·0	78·2	94·2	81·7	90·2	80·4	86·7	80·8	88·4	80·7	83·7	80·0	74·2	68·6
3	77·2	72·7	81·0	75·9	77·3	72·6	79·7	**68·0**	83·7	79·0	83·7	78·7	91·9	80·5	86·5	78·6	87·5	78·6	88·4	82·4	82·1	79·7	76·4	68·4
4	76·0	71·9	79·9	74·9	81·0	70·8	80·9	69·2	83·6	78·7	89·1	79·5	92·1	82·2	90·2	80·3	85·3	76·7	85·6	80·6	82·9	77·9	75·5	66·0
5	76·3	74·2	81·1	74·7	81·0	71·3	79·7	74·8	84·1	76·3	92·3	77·6	94·5	79·1	91·0	77·4	86·2	79·0	**93·1**	81·1	82·5	77·5	72·6	62·9
6	77·2	71·5	76·7	72·0	81·5	77·1	81·7	73·9	86·1	78·2	91·3	82·0	89·5	81·4	91·2	81·9	87·7	78·7	86·2	82·3	79·6	76·0	75·1	**62·0**
7	79·3	77·2	77·3	72·0	79·4	72·2	85·8	73·3	83·9	77·9	93·2	79·5	90·0	81·4	88·0	82·9	85·9	79·4	83·2	74·7	77·5	74·9	80·5	69·5
8	80·8	76·6	**81·9**	74·3	75·0	68·3	83·3	73·2	83·2	78·6	93·5	80·0	89·5	81·0	91·5	82·0	87·4	80·8	78·0	73·4	76·0	72·0	81·5	74·5
9	80·7	72·7	77·6	74·9	76·5	68·1	85·6	76·3	82·2	78·0	98·6	80·3	89·0	82·8	90·0	83·8	84·7	75·5	86·0	72·1	77·1	66·5	78·2	74·7
10	79·8	73·0	81·0	74·0	76·6	69·3	84·8	76·2	87·8	77·8	**100·2**	80·8	89·1	83·5	90·2	81·8	86·2	78·0	88·0	70·9	76·0	65·6	79·0	75·1
11	79·7	76·9	74·6	72·9	77·8	73·3	83·3	73·7	85·6	79·0	98·4	82·9	96·8	84·0	88·9	81·0	84·3	77·4	87·0	77·1	79·1	67·0	76·6	72·1
12	76·9	75·3	75·5	72·6	77·2	69·9	85·3	71·1	83·2	79·1	92·1	79·5	96·1	82·1	88·3	84·0	85·9	74·0	81·2	77·9	77·2	64·9	76·0	68·9
13	81·7	74·6	77·0	71·6	79·7	72·3	82·4	76·7	87·4	75·6	89·0	77·2	96·0	83·9	91·3	84·8	86·2	71·0	79·6	73·1	76·9	64·9	74·3	67·0
14	**82·1**	76·0	74·9	72·3	80·8	78·0	81·5	75·0	86·3	78·1	94·5	81·2	93·9	80·3	91·3	83·3	85·9	82·0	80·2	73·4	73·8	67·9	74·5	67·3
15	79·3	73·9	75·3	72·7	**85·6**	76·1	81·3	73·2	90·4	78·1	90·5	84·4	91·8	80·1	93·0	78·4	80·3	78·8	79·3	72·3	76·4	65·3	73·8	70·1
16	77·7	75·2	76·4	74·1	82·8	76·2	84·7	74·4	**90·9**	81·3	87·0	82·0	88·6	**77·0**	**94·2**	75·9	89·2	74·8	80·5	**70·5**	77·9	70·0	77·9	70·5
17	81·2	77·5	78·0	74·7	84·1	76·4	83·8	77·0	87·8	81·4	89·7	79·1	89·1	84·2	93·9	76·0	85·8	**69·6**	85·8	81·0	78·3	72·2	81·3	77·1
18	81·2	77·5	77·7	71·5	81·9	72·7	80·5	75·4	87·3	81·8	90·0	79·0	91·1	82·0	91·0	81·3	86·9	80·7	82·8	74·1	79·7	69·9	80·0	71·5
19	80·1	76·0	78·1	70·7	85·0	75·3	80·5	71·3	89·0	83·2	90·3	78·2	93·5	79·1	89·7	82·9	84·2	77·0	80·6	74·0	77·9	66·7	72·3	69·9
20	78·8	75·6	77·2	69·3	78·3	72·1	**86·0**	69·0	87·3	78·0	92·2	83·1	91·6	82·4	90·7	83·8	85·2	77·6	83·9	77·1	77·3	65·4	74·1	71·9
21	76·2	74·8	74·8	71·9	75·3	**67·6**	85·5	69·7	87·0	76·6	89·0	78·0	**98·7**	84·9	90·8	85·2	86·8	76·9	85·7	83·9	75·3	66·3	73·1	71·8
22	75·0	**69·8**	73·4	**63·7**	77·0	69·3	81·0	78·8	88·3	75·0	91·9	**75·1**	94·5	86·2	89·5	84·9	82·6	78·5	85·0	83·3	77·4	72·7	72·7	69·6
23	78·2	73·4	74·7	71·9	81·0	70·3	80·0	74·2	86·0	79·9	89·0	81·7	95·9	86·7	91·0	83·7	86·0	78·1	84·6	82·4	77·8	70·9	72·7	66·1
24	79·2	75·8	74·7	71·4	80·3	71·4	81·2	74·2	81·5	80·4	90·8	78·2	90·8	85·4	89·0	80·6	85·0	75·5	84·7	78·0	78·9	69·3	72·6	68·1
25	77·8	74·7	77·2	73·3	79·9	73·1	82·6	73·6	85·6	80·9	90·1	77·4	96·1	84·8	91·0	77·2	83·1	71·9	85·0	77·7	79·3	68·5	71·0	63·2
26	77·3	74·2	78·0	74·0	79·4	74·0	83·1	74·7	88·1	80·4	88·4	80·0	89·6	80·0	88·2	**75·0**	83·5	79·8	84·1	80·8	75·0	**64·2**	77·5	70·1
27	76·7	73·7	77·9	75·0	83·0	69·2	81·2	75·3	85·4	80·5	89·4	77·1	90·3	77·9	90·0	81·2	85·9	77·0	82·5	79·6	74·9	71·2	79·1	77·0
28	76·5	73·1	79·0	74·8	80·5	74·0	82·1	74·7	83·9	78·6	92·3	76·9	91·0	80·2	89·9	79·7	87·0	80·9	83·2	79·0	74·3	70·8	81·4	77·0
29	81·0	73·7	—	—	83·0	77·0	81·0	73·7	84·9	80·3	90·8	81·6	89·4	81·0	88·0	83·4	89·0	81·9	85·0	80·2	74·2	71·4	**82·2**	77·0
30	82·0	74·6	—	—	81·2	77·0	80·2	70·0	84·0	77·2	92·0	83·0	91·0	84·3	88·0	83·0	**89·3**	77·4	84·0	81·9	75·3	70·0	79·9	75·7
31	82·0	73·2	—	—	79·7	74·3	—	—	—	79·2	—	—	88·5	81·3	90·9	83·0	—	—	86·0	80·6	—	—	78·7	69·2
Mean.	79·0	74·4	77·5	72·9	79·9	72·8	82·3	73·5	85·6	78·4	91·0	79·7	92·2	82·0	90·2	81·2	85·9	77·6	84·4	77·8	77·9	70·7	76·4	70·3

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

143. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulbs above ground) = 0·9 metres. **January, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	80	81	83	83	82	82	81	84	84	95	94	93	89	91	93	98	94	88	91	86	78	72	73	74	85·5	6·6
2	76	77	76	79	79	82	86	84	92	87	95	94	79	87	79	77	71	75	74	76	80	75	75	71	80·3	6·2
3	72	72	71	71	77	82	87	84	93	88	89	78	84	79	84	77	83	82	83	84	82	85	90	93	81·6	5·8
4	94	95	92	91	90	88	89	83	82	81	82	82	84	89	92	95	96	95	94	94	96	95	94	95	90·3	5·8
5	90	87	88	86	85	79	89	84	88	92	96	86	86	87	84	84	87	91	87	88	89	87	91	84	87·5	6·1
6	83	83	82	82	82	79	80	79	78	74	74	63	62	69	80	85	91	90	93	93	92	89	89	92	81·7	5·5
7	92	95	87	87	87	88	88	86	84	88	86	89	86	85	88	87	90	91	91	90	90	88	84	80	88·0	7·6
8	80	80	85	88	89	90	95	96	96	92	89	95	95	96	94	95	94	98	96	87	97	100	91	88	91·7	7·9
9	88	86	87	82	78	80	80	82	84	84	78	74	73	71	74	76	83	85	90	93	94	95	95	94	83·5	6·3
10	94	94	95	94	88	88	88	89	93	86	86	86	93	90	88	89	90	91	96	96	96	96	97	92	91·5	8·0
11	96	94	93	95	94	94	92	90	93	95	95	92	93	92	93	82	78	89	91	90	92	91	92	91	91·6	8·2
12	89	90	89	93	87	86	91	91	89	93	98	90	90	87	87	89	89	87	87	86	86	87	90	91	89·3	6·8
13	92	88	89	87	92	92	94	90	91	93	93	91	91	89	89	90	88	85	83	77	75	74	75	85	87·3	8·2
14	89	93	97	92	92	93	97	74	78	82	72	68	73	82	74	78	80	85	87	83	90	95	95	90	84·8	7·9
15	95	87	86	84	85	85	82	78	85	82	75	84	74	76	75	78	84	87	86	88	91	91	96	85	84·2	6·8
16	87	87	88	89	83	84	84	79	80	76	76	78	79	82	84	88	95	96	96	96	94	98	98	100	87·1	6·9
17	98	100	98	100	100	99	97	97	98	94	94	95	97	96	97	97	96	97	96	97	96	96	98	97	**97·2**	9·4
18	95	100	100	100	100	100	100	97	97	96	93	93	95	94	95	96	96	93	95	93	95	98	98	99	96·5	**9·5**
19	100	97	97	91	88	89	93	94	87	87	87	87	90	84	86	85	90	89	91	91	90	91	89	89	90·3	8·1
20	91	87	91	92	89	89	95	97	95	95	94	91	91	91	89	91	93	93	91	89	95	95	94	95	92·1	7·5
21	95	96	98	98	95	94	96	96	98	97	97	95	92	90	92	91	91	92	93	93	90	88	88	88	93·6	6·9
22	90	87	92	93	92	90	88	85	84	80	80	80	76	81	82	83	86	85	82	85	91	94	94	94	86·3	**5·1**
23	92	92	95	95	94	98	97	87	92	92	92	95	92	89	89	90	96	95	89	89	87	89	87	89	91·9	7·2
24	87	89	89	88	86	81	87	88	88	92	89	86	81	84	86	92	92	89	90	90	92	95	85	79	87·9	7·2
25	80	84	84	82	85	84	84	81	83	82	81	86	85	85	85	81	82	82	84	84	89	87	86	86	83·7	6·3
26	84	79	87	88	88	88	88	91	91	94	87	88	84	80	78	83	83	84	77	78	79	76	75	75	83·7	6·3
27	73	76	79	76	76	75	79	76	75	79	73	71	76	77	76	73	78	83	85	79	80	81	82	83	**77·4**	5·5
28	84	85	85	86	87	94	96	95	94	94	94	96	95	95	91	90	95	97	97	95	92	92	89	79	91·6	6·3
29	94	93	92	88	94	93	96	98	97	100	95	90	84	78	82	84	78	84	79	76	89	82	79	75	87·6	6·8
30	84	77	75	85	85	82	87	87	90	92	94	100	89	89	88	88	90	92	93	96	96	95	97	89	88·9	7·9
31	80	74	77	85	84	85	90	88	89	95	91	89	89	89	88	91	89	87	90	89	87	88	83	81	86·7	6·9
Mean ...	87·9	87·3	88·0	88·1	87·5	87·5	**89·5**	87·4	88·7	88·9	87·7	86·6	**85·4**	85·6	85·9	86·5	88·0	88·9	88·9	88·1	89·3	89·2	88·7	87·2	87·8	7·0†
Vapour Pressure* ...	mb. 6·8	mb. 6·7	mb. 6·7	mb. 6·8	mb. 6·7	mb. **6·6**	mb. 6·8	mb. 6·7	mb. 6·8	mb. 7·0	mb. 7·1	mb. 7·2	mb. 7·3	mb. 7·3	mb. **7·3**	mb. 7·2	mb. 7·1	mb. 7·1	mb. 7·0	mb. 7·0	mb. 7·0	mb. 6·9	mb. 6·9	mb. 6·8	mb. 7·0‡	

144. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **February, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	92	85	80	81	82	79	78	77	77	78	80	78	81	76	75	79	86	85	85	86	90	90	87	87	82·1	6·1
2	88	89	93	92	88	90	92	91	91	90	90	94	94	94	95	84	74	74	73	80	85	85	86	91	87·5	7·4
3	90	94	92	94	90	90	92	94	94	89	90	84	89	92	96	88	90	81	83	84	78	80	77	82	88·3	7·8
4	84	84	84	82	84	87	84	86	94	88	92	84	84	80	84	88	87	75	79	89	93	86	95	90	85·8	6·9
5	90	93	92	88	93	94	96	93	87	84	78	72	76	87	82	88	85	84	84	91	84	86	85	84	86·6	7·5
6	88	87	88	91	91	88	88	89	88	88	87	91	80	80	86	82	89	91	86	83	82	84	86	85	86·5	6·0
7	85	85	83	83	82	80	83	84	78	70	71	70	68	68	71	75	89	96	92	90	84	85	90	92	**81·3**	5·5
8	93	96	96	100	99	93	91	88	86	90	92	96	97	96	97	96	87	80	81	85	76	77	82	84	90·1	**8·4**
9	81	83	85	89	90	90	89	90	81	77	83	82	79	79	87	92	89	90	91	85	92	93	92	95	86·6	6·7
10	92	88	91	87	85	85	91	89	86	94	93	90	84	89	82	91	83	74	88	89	86	79	88	94	87·4	7·7
11	97	96	96	92	92	92	92	92	91	98	98	99	98	99	100	97	98	97	97	91	91	91	91	90	**94·9**	6·0
12	89	91	91	90	89	89	86	87	87	88	85	86	82	81	79	83	87	92	92	92	91	91	91	91	87·9	5·6
13	91	91	91	91	91	87	85	89	91	93	94	93	86	87	81	83	86	88	88	90	91	91	88	86	89·0	5·8
14	87	88	90	90	91	96	96	96	96	93	90	92	90	95	93	93	93	97	96	96	91	91	91	91	92·5	5·8
15	91	91	91	91	91	91	91	91	91	91	94	95	95	96	95	96	96	91	90	87	85	86	86	95	91·5	5·9
16	93	93	96	96	93	91	91	91	92	91	94	89	86	84	85	87	84	85	88	88	88	89	88	91	89·8	6·4
17	90	88	88	88	87	84	85	84	85	84	82	84	83	83	82	81	78	81	85	96	86	84	84	84	85·0	6·3
18	84	85	84	84	79	79	80	85	79	84	81	83	80	80	74	78	82	76	81	81	82	85	86	86	81·6	5·9
19	83	87	81	83	83	82	83	83	83	82	78	77	77	75	74	75	78	83	83	85	88	90	90	88	82·1	5·6
20	88	89	91	89	89	88	91	96	92	87	84	71	71	75	77	81	72	91	89	84	84	84	83	87	84·7	5·3
21	90	88	88	88	86	85	85	85	83	82	81	82	89	96	97	96	96	96	95	92	92	91	91	91	89·3	5·6
22	91	91	91	91	90	89	88	88	88	89	90	91	91	91	91	90	90	90	90	89	81	80	78	77	88·4	**4·4**
23	79	77	76	91	91	90	90	90	88	79	91	96	96	96	97	98	100	98	96	91	90	96	97	96	90·8	5·7
24	100	100	100	91	90	90	89	89	77	72	77	79	78	77	89	89	90	90	89	90	93	93	92	92	88·3	5·6
25	92	91	93	92	91	90	93	89	90	82	80	76	78	77	80	84	85	87	89	89	94	94	93	93	87·5	6·1
26	94	93	91	90	91	91	94	94	91	92	93	88	90	87	88	89	93	87	86	88	86	89	91	92	90·3	6·6
27	90	93	92	94	93	92	93	92	93	89	89	92	89	98	88	81	85	90	88	90	91	90	92	91	90·7	6·9
28	91	90	91	92	93	91	87	87	87	87	88	92	83	82	93	89	93	93	95	97	94	94	95	94	90·7	7·0
Mean ...	89·4	89·5	89·5	**89·6**	89·1	88·3	88·7	88·9	87·4	86·1	86·6	85·9	**84·8**	85·7	86·4	86·9	87·3	87·2	87·8	88·5	87·4	87·6	88·4	89·3	87·7	6·3†
Vapour Pressure* ...	mb. **6·0**	mb. 6·0	mb. 6·1	mb. 6·1	mb. 6·1	mb. 6·0	mb. 6·0	mb. 6·0	mb. 6·1	mb. 6·2	mb. 6·4	mb. 6·7	mb. 6·7	mb. **6·8**	mb. 6·7	mb. 6·7	mb. 6·4	mb. 6·3	mb. 6·3	mb. 6·3	mb. 6·1	mb. 6·1	mb. 6·0	mb. 6·1	mb. 6·3‡	
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

145. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulbs above ground) = 0·9 metres. **March, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	89	93	94	98	93	90	89	91	96	95	90	95	89	89	89	88	85	86	98	94	87	93	94	94	**91·6**	7·0
2	95	90	96	89	84	84	87	84	84	80	80	81	84	82	76	73	79	85	85	84	84	88	85	84	84·5	6·2
3	87	85	82	89	88	86	85	88	88	84	80	95	84	76	82	77	80	75	80	79	79	75	80	83	82·8	5·8
4	82	82	84	82	82	83	84	86	84	70	67	69	63	66	68	78	78	81	82	85	86	88	90	93	79·5	5·9
5	93	93	91	84	82	82	83	79	78	74	74	71	73	73	73	76	75	77	79	76	80	84	85	85	80·2	7·0
6	86	86	85	85	84	85	84	84	91	78	80	79	78	79	78	72	76	78	78	77	74	75	76	77	80·4	8·0
7	78	73	75	75	74	77	74	74	75	76	74	81	86	71	73	76	76	79	84	85	87	84	79	84	77·7	6·0
8	84	82	82	83	82	81	79	84	94	85	73	65	63	63	61	65	77	70	72	72	79	79	81	81	76·6	4·4
9	80	82	82	79	78	77	77	78	76	71	70	70	65	64	62	61	64	65	69	71	73	73	71	72	72·3	4·5
10	72	73	74	79	82	75	78	78	72	72	75	70	69	77	90	94	94	93	93	93	87	87	85	86	80·9	5·0
11	81	81	78	77	77	76	82	82	86	92	88	82	72	72	72	75	72	73	79	80	82	80	82	82	79·4	5·4
12	83	84	85	85	84	83	82	80	69	63	61	66	54	49	48	47	56	59	72	76	79	77	71	74	70·0	4·3
13	73	75	76	78	80	84	88	89	93	86	90	88	88	81	82	77	81	79	80	82	84	85	88	86	82·8	6·4
14	87	93	87	86	88	84	89	87	86	90	82	85	85	84	83	85	86	90	94	90	89	88	89	89	87·3	8·4
15	93	90	91	90	88	89	91	91	83	76	73	66	67	69	75	77	78	83	73	80	82	84	85	90	81·8	**8·8**
16	86	88	92	91	97	94	97	94	97	96	88	83	72	74	73	73	79	82	89	83	81	82	83	76	85·7	8·0
17	78	78	76	77	82	87	87	85	90	92	89	88	81	78	75	80	78	83	85	87	86	87	93	92	83·6	8·5
18	96	96	96	92	91	91	90	95	96	94	74	73	77	77	69	65	69	74	70	73	72	77	79	80	82·2	7·0
19	85	87	87	91	95	90	86	83	82	77	68	66	59	60	64	66	72	74	80	80	83	84	85	74	78·4	8·0
20	81	88	89	89	88	88	94	88	86	83	79	71	78	86	83	87	84	88	96	90	90	94	94	93	86·6	6·3
21	88	86	82	83	80	78	78	77	73	81	81	80	76	85	85	80	84	85	82	82	85	85	84	83	82·0	4·4
22	84	83	83	81	78	75	74	70	68	66	64	60	58	56	55	56	60	63	70	78	84	85	86	85	71·7	**4·2**
23	85	80	80	81	82	86	88	89	87	87	90	90	82	63	69	74	71	77	79	82	82	83	86	88	81·6	5·9
24	88	84	84	89	88	92	90	88	78	84	71	61	61	62	63	67	75	76	79	79	80	78	84	81	78·6	5·9
25	82	84	82	82	76	75	75	72	69	65	83	80	73	91	87	81	74	83	87	84	85	84	85	96	80·3	5·9
26	91	89	89	89	86	85	85	84	80	85	74	73	66	68	72	74	77	80	82	84	82	82	83	84	81·3	6·0
27	85	89	94	93	94	94	95	93	76	64	63	63	61	57	56	60	63	76	80	93	82	91	93	77	79·0	6·4
28	79	81	81	85	85	82	78	71	62	62	56	57	53	56	54	56	60	66	69	72	77	80	80	81	**70·0**	5·6
29	82	81	82	84	83	83	78	75	71	72	70	73	71	67	68	82	81	76	81	81	80	81	79	83	77·7	7·2
30	92	89	93	92	92	91	92	93	89	79	77	75	75	72	70	72	80	87	88	86	83	84	83	83	84·0	7·6
31	84	83	82	84	85	87	88	88	91	90	90	89	94	92	92	89	93	87	88	89	87	82	79	83	87·3	7·6
Mean ...	84·8	84·8	85·0	**85·2**	84·8	84·3	84·7	83·9	82·3	79·7	76·6	75·3	72·8	**72·2**	72·5	73·7	76·0	78·4	81·4	82·2	82·3	83·2	83·8	83·8	80·6	6·4†
Vapour Pressure* ...	mb. 6·0	mb. 6·0	mb. 6·0	mb. 5·9	mb. 5·8	mb. **5·8**	mb. 5·9	mb. 6·2	mb. 6·5	mb. 6·6	mb. 6·6	mb. **6·8**	mb. 6·7	mb. 6·6	mb. 6·7	mb. 6·6	mb. 6·5	mb. 6·3	mb. 6·2	mb. 6·2	mb. 6·2	mb. 6·1	mb. 6·0	mb. 5·9	mb. ‡6·3	

146. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **April, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	84	83	83	83	79	80	80	74	70	67	67	56	57	54	53	63	64	73	76	84	83	83	85	86	73·5	5·6
2	81	82	85	85	85	86	89	86	91	95	93	94	90	93	87	89	93	98	97	91	79	75	75	75	87·5	6·7
3	74	74	76	75	79	79	82	83	78	74	74	77	68	62	63	68	65	70	71	78	84	91	93	93	75·9	**4·8**
4	92	92	91	87	82	79	78	76	70	65	64	55	56	51	53	57	63	63	70	72	70	72	69	70	**71·2**	5·2
5	73	76	79	80	85	85	85	85	88	91	88	89	89	87	87	84	88	90	90	90	89	88	90	93	85·8	7·1
6	90	90	90	89	93	90	90	90	86	91	93	93	85	77	74	75	74	72	83	88	87	88	90	91	86·3	8·0
7	91	91	90	92	94	88	91	89	86	75	64	64	61	58	70	67	76	79	81	86	87	91	78	86	80·8	7·8
8	89	87	92	85	90	91	98	93	95	89	90	87	84	85	83	74	74	75	80	87	87	88	90	92	86·8	7·5
9	90	88	89	91	90	89	93	87	75	68	66	70	62	58	62	61	85	90	72	79	83	80	81	81	79·0	8·2
10	82	83	83	86	86	86	87	83	85	79	71	75	69	66	64	62	63	66	76	76	84	86	87	85	77·8	8·1
11	85	85	77	85	93	95	90	90	88	88	88	82	82	79	77	76	67	71	83	87	93	90	94	93	84·8	7·8
12	91	91	91	91	91	90	90	85	75	73	66	70	65	66	59	57	65	65	80	88	96	95	96	93	80·4	7·2
13	89	90	91	90	90	88	92	96	97	86	84	69	60	61	59	57	68	73	80	92	82	83	85	82	81·3	7·6
14	80	85	82	83	100	85	88	80	76	78	69	65	71	60	63	63	72	79	80	78	88	97	96	95	79·4	6·9
15	86	75	82	87	86	81	81	83	74	74	74	69	65	77	72	71	86	71	77	92	85	88	92	94	80·1	6·5
16	88	88	86	85	88	82	84	77	77	69	60	71	62	64	63	66	66	75	78	80	81	77	77	76	76·2	7·3
17	76	74	79	73	75	79	75	71	68	65	63	71	58	69	66	77	73	88	81	88	92	91	97	97	76·5	7·3
18	98	96	94	95	95	95	97	96	94	93	95	85	95	96	98	94	94	97	97	94	95	87	83	80	**93·8**	8·0
19	85	88	88	86	86	86	82	85	79	77	67	71	68	63	65	67	65	65	74	83	87	87	88	89	78·2	6·0
20	91	92	91	91	91	92	91	82	69	70	65	59	59	58	53	62	65	69	82	81	85	91	93	91	78·0	6·4
21	91	91	91	91	91	91	91	75	63	60	58	53	48	53	57	49	56	68	76	76	76	76	83	77	72·8	6·4
22	86	96	92	94	94	87	86	88	85	87	91	86	90	90	90	98	98	100	100	100	96	96	86	78	91·4	**8·9**
23	78	81	83	82	88	88	85	81	74	90	74	74	67	90	78	88	88	91	82	89	91	92	94	98	84·0	6·6
24	97	98	98	97	96	93	93	89	82	86	92	84	77	86	74	72	83	70	70	76	80	79	85	88	85·4	6·8
25	85	86	88	91	91	91	91	88	76	71	67	80	67	71	66	69	90	74	76	81	82	78	84	84	80·4	6·7
26	81	83	77	82	76	81	90	70	63	63	62	62	63	78	69	83	75	72	78	82	86	87	86	86	76·4	6·9
27	86	86	87	84	83	89	84	80	74	77	78	75	66	72	80	85	87	83	80	85	95	95	95	95	83·2	7·2
28	95	95	94	88	92	88	85	79	75	88	71	61	56	58	53	54	56	60	71	78	93	90	89	88	77·5	6·8
29	91	91	92	92	88	84	78	77	71	73	74	67	65	64	63	88	92	88	88	88	92	89	90	90	82·3	6·1
30	89	89	90	91	92	91	92	90	88	89	74	66	63	58	68	91	88	89	87	87	88	87	87	91	84·4	6·2
Mean ...	86·5	86·9	87·0	87·0	**88·3**	87·0	87·3	83·6	79·1	78·4	74·7	72·7	**68·9**	70·1	69·0	72·3	76·0	77·5	80·5	84·5	86·5	86·6	87·3	87·2	81·0	6·9†
Vapour Pressure* ...	mb. 6·4	mb. 6·3	mb. 6·3	mb. **6·2**	mb. 6·2	mb. 6·3	mb. 6·6	mb. 6·9	mb. 7·2	mb. **7·5**	mb. 7·3	mb. **7·4**	mb. 7·3	mb. 7·3	mb. 7·3	mb. 7·4	mb. 7·4	mb. 7·4	mb. 7·4	mb. 6·9	mb. 6·8	mb. 6·7	mb. 6·6	mb. 6·5	mb. 6·9‡	
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

147. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulbs above ground) = 0·9 metres. **May, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	89	87	89	87	90	89	88	89	88	80	84	80	79	67	61	79	70	78	81	88	91	88	94	94	83·7	**6·9**
2	94	95	95	94	92	91	91	90	82	80	79	81	80	83	78	78	80	81	85	89	93	94	93	94	87·2	7·4
3	95	97	96	98	97	94	93	92	92	80	68	66	65	60	66	70	77	78	83	79	83	82	83	82	82·6	8·7
4	83	86	87	87	91	94	90	90	86	84	82	86	82	85	82	82	86	89	93	89	90	91	89	90	87·1	9·2
5	93	90	94	95	95	80	89	89	88	92	87	90	78	74	66	66	78	72	88	83	84	86	87	93	84·8	8·1
6	89	92	91	91	93	93	93	94	94	80	76	60	59	51	56	73	70	68	71	74	77	82	86	87	79·3	8·2
7	87	85	83	88	91	87	86	83	71	76	69	78	78	73	70	73	76	85	91	89	94	93	95	94	83·0	8·4
8	93	95	94	92	92	90	88	85	82	82	94	85	84	81	75	84	97	89	90	91	93	89	89	88	88·5	8·8
9	90	88	88	87	87	86	79	81	73	85	82	81	75	84	97	97	76	80	86	87	90	90	96	94	85·7	8·6
10	95	97	96	96	93	94	89	87	75	72	67	55	53	58	52	53	53	69	77	85	90	95	95	97	78·8	9·1
11	97	94	90	90	97	95	91	93	94	89	90	89	93	96	71	69	62	64	67	75	81	78	89	86	85·3	9·1
12	94	93	90	89	88	84	84	80	74	78	78	81	85	86	94	97	97	98	100	100	99	100	100	95	90·0	9·7
13	89	85	86	83	89	86	84	77	69	62	60	59	55	55	53	52	61	59	72	72	75	84	94	88	**73·0**	8·6
14	86	78	80	80	80	81	77	68	70	68	63	64	62	63	59	60	61	67	80	81	82	80	79	83	**73·1**	8·4
15	86	89	89	87	90	89	79	86	85	74	75	65	68	69	65	67	70	76	81	85	87	92	91	91	80·5	10·3
16	89	89	88	90	92	88	96	94	93	87	85	80	74	68	68	73	70	73	73	80	82	84	88	90	83·1	11·3
17	96	92	93	93	93	89	87	82	80	69	65	63	59	55	55	57	69	76	75	87	86	84	84	83	78·2	10·2
18	83	80	83	83	79	76	77	77	81	89	92	89	90	91	92	91	90	88	90	88	89	91	91	93	86·2	11·9
19	95	94	91	93	93	97	97	97	90	86	86	96	91	86	84	86	85	81	80	87	87	89	89	90	89·6	**13·2**
20	91	92	96	97	96	97	96	99	91	88	89	90	99	93	87	92	92	87	86	92	92	94	94	93	**92·6**	11·9
21	89	91	93	98	92	93	89	84	84	82	65	65	58	56	59	58	50	52	61	71	83	83	83	82	76·1	8·6
22	88	91	91	93	85	86	75	71	68	65	63	64	66	67	63	59	72	73	83	93	83	85	85	84	77·2	9·1
23	87	89	89	93	91	87	82	82	81	81	73	86	86	86	81	85	88	88	92	92	93	92	89	96	86·8	10·1
24	97	92	92	91	89	87	89	93	92	92	93	96	95	95	92	95	93	91	92	93	94	93	89	89	92·4	9·8
25	89	89	92	92	93	93	89	89	89	94	87	87	81	82	82	82	82	82	87	93	89	91	91	86	88·0	10·5
26	86	87	86	85	85	85	80	79	73	67	68	57	61	58	65	69	77	87	87	92	91	92	89	89	78·9	9·7
27	93	93	96	96	97	93	94	96	96	96	95	83	87	84	57	70	72	71	72	82	83	85	83	85	85·9	10·4
28	88	89	92	90	90	94	92	92	92	82	70	70	78	71	73	75	67	73	88	89	88	89	90	90	83·7	9·0
29	89	88	88	90	86	87	88	90	89	84	89	73	77	70	79	79	82	88	91	91	93	92	91	87	85·9	9·8
30	81	81	84	82	83	81	78	76	74	75	76	69	69	67	84	73	85	74	70	85	84	85	84	81	78·5	8·7
31	81	80	81	79	81	81	76	75	71	70	78	76	78	79	73	70	87	83	82	83	85	87	90	88	79·6	8·6
Mean ...	89·7	89·3	89·8	90·0	**90·0**	88·6	86·7	85·8	82·8	80·3	78·3	76·3	75·7	74·0	**72·2**	74·7	76·6	78·1	82·4	86·0	87·5	88·4	89·4	89·1	83·4	9·4†
Vapour Pressure* ...	mb. 8·9	mb. 8·7	mb. **8·5**	mb. 8·7	mb. 8·7	mb. 8·9	mb. 9·1	mb. 9·3	mb. 9·4	mb. 9·5	mb. 9·6	mb. 9·8	mb. 9·8	mb. 9·8	mb. 9·6	mb. 9·8	mb. 9·8	mb. 9·7	mb. **9·8**	mb. 9·6	mb. 9·5	mb. 9·4	mb. 9·2	mb. 9·1	mb. 9·3‡	

148. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **June, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	89	86	87	87	87	85	84	77	76	85	94	82	81	65	81	80	85	85	80	86	91	86	90	93	84·3	8·7
2	86	90	93	90	91	93	86	84	84	78	78	70	67	55	63	58	66	60	62	67	69	74	78	83	76·3	8·5
3	84	84	84	86	86	86	84	78	77	82	81	90	92	92	92	94	96	96	96	96	98	99	97	97	**89·2**	9·9
4	98	96	97	95	98	97	98	99	97	92	88	88	87	80	79	75	74	71	64	67	67	71	77	83	85·2	12·1
5	87	89	87	90	85	82	77	72	70	61	47	45	45	43	44	51	49	51	63	73	75	73	62	67	66·5	9·7
6	75	80	75	78	77	77	79	85	66	63	61	65	61	63	59	62	57	61	72	78	86	82	87	86	71·9	11·0
7	89	85	86	85	89	82	77	67	63	71	66	64	63	66	61	65	66	66	70	76	69	76	78	86	73·6	11·4
8	85	84	86	86	83	70	70	80	66	53	50	51	57	64	67	68	71	70	77	81	80	84	87	89	73·2	11·7
9	88	88	89	91	87	86	84	66	58	46	44	44	42	46	44	45	43	47	70	71	80	80	86	87	67·2	13·1
10	88	97	87	86	87	83	79	65	44	43	46	49	45	49	44	41	53	55	64	71	73	78	81	82	66·4	14·1
11	80	86	89	83	90	88	81	74	60	60	62	48	44	45	43	55	55	71	79	74	85	87	89	90	71·4	14·8
12	96	95	93	87	86	82	79	69	64	66	69	69	68	64	63	64	59	71	62	67	68	70	77	76	73·8	12·0
13	73	76	77	79	79	77	69	58	51	50	65	68	76	76	83	84	87	86	86	85	84	88	85	89	76·0	9·6
14	92	90	88	87	87	84	71	65	67	62	46	45	45	45	49	51	58	60	64	73	73	72	73	74	67·8	11·8
15	83	84	92	89	88	89	88	85	84	84	90	86	84	87	87	82	84	86	83	90	88	85	82	75	85·6	**14·3**
16	79	85	80	75	75	83	75	74	74	79	77	68	70	70	82	71	67	76	79	84	78	77	79	79	76·4	10·1
17	78	77	79	82	75	73	67	63	58	61	59	60	53	55	55	59	66	64	67	72	74	79	82	75	68·1	9·0
18	80	85	79	79	76	71	65	56	57	52	53	52	48	49	50	45	47	47	50	58	71	72	77	74	**62·3**	**8·3**
19	75	73	76	80	77	70	65	57	59	60	54	57	53	50	58	64	81	75	75	85	82	85	87	89	70·0	9·7
20	87	91	91	91	91	90	90	87	87	85	78	74	69	73	63	51	57	74	75	75	80	84	84	85	79·7	12·2
21	81	77	73	69	72	69	69	62	57	54	55	57	53	53	52	57	59	59	64	67	70	85	82	83	65·8	9·2
22	80	79	81	87	77	75	66	65	62	68	65	63	64	61	58	59	61	72	79	83	85	87	87	86	72·9	9·9
23	86	86	86	87	81	81	80	74	69	68	64	63	62	62	62	68	70	67	69	72	80	75	75	70	73·5	10·2
24	69	79	80	80	81	78	70	64	61	62	59	55	47	51	58	60	61	64	68	70	75	76	71	81	67·3	9·4
25	85	94	89	89	89	77	78	71	64	55	59	57	62	69	65	63	63	65	71	78	81	86	88	87	74·3	10·2
26	87	88	88	89	88	88	82	86	82	77	69	64	67	67	62	64	64	67	78	79	85	92	87	84	78·5	10·7
27	92	84	77	87	82	78	75	75	72	71	67	59	60	61	54	65	61	67	69	79	79	84	86	91	73·8	9·4
28	87	93	91	95	91	94	83	65	60	57	52	55	58	65	64	66	64	66	68	75	83	85	87	91	74·8	10·8
29	89	93	92	92	91	93	87	79	77	79	73	70	70	69	67	72	71	73	75	82	85	91	96	93	81·6	12·5
30	93	94	94	93	91	93	96	93	79	76	75	71	67	65	65	59	63	66	78	85	83	86	89	87	81·0	13·1
Mean ...	84·7	**86·3**	85·5	85·8	84·6	82·5	78·5	73·2	68·2	66·7	64·9	63·0	**62·0**	**62·0**	62·5	63·3	65·3	67·9	71·9	76·6	79·2	81·6	82·9	83·7	74·3	10·9†
Vapour Pressure* ...	mb. 9·7	mb. 9·7	mb. 9·4	mb. **9·2**	mb. 9·5	mb. 10·1	mb. 10·7	mb. 10·9	mb. 11·0	mb. 11·1	mb. 11·3	mb. 11·3	mb. 11·5	mb. 11·7	mb. 11·9	mb. 12·0	mb. **12·1**	mb. 11·8	mb. 11·8	mb. 11·4	mb. 10·7	mb. 10·3	mb. 10·0	m. 9·8	mb. 10·8‡	
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

149. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulbs above ground) = 0·9 metres. **July, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	86	89	89	87	89	88	87	74	73	77	71	67	62	66	68	71	76	77	77	78	78	82	84	84	78·4	13·0
2	85	87	88	88	86	85	85	82	78	77	68	58	64	60	58	55	56	59	62	66	76	79	87	89	74·0	11·7
3	93	93	88	88	88	90	90	84	86	75	72	73	74	74	73	75	73	78	81	83	89	88	87	83	82·5	12·7
4	78	90	91	91	91	92	85	80	75	67	73	69	66	63	66	65	62	67	68	69	76	77	85	84	76·3	12·1
5	87	86	87	87	87	77	68	68	65	61	54	51	51	50	56	59	70	67	70	72	82	85	93	97	71·8	11·8
6	91	92	92	94	93	79	89	77	73	76	78	79	76	79	87	85	88	92	95	95	96	94	91	88	86·8	12·6
7	83	87	89	89	91	90	89	82	78	64	63	60	59	63	64	63	60	61	61	65	71	76	79	81	73·8	10·6
8	83	87	84	81	87	89	79	70	63	63	57	56	57	55	60	63	62	64	73	78	83	83	81	82	72·5	**10·0**
9	82	83	82	82	86	87	91	89	80	89	80	68	75	67	71	70	73	89	89	90	90	89	91	93	82·5	11·5
10	93	97	95	94	94	89	87	82	80	82	79	72	67	69	68	73	72	72	73	76	76	79	78	77	80·5	11·7
11	73	85	88	91	89	87	80	80	80	73	76	71	62	58	58	58	56	60	68	77	82	82	86	86	75·1	14·6
12	92	89	88	89	91	90	89	89	89	81	66	62	64	70	69	59	58	65	72	85	89	92	90	92	79·9	14·4
13	94	95	92	93	91	96	92	97	86	77	65	63	58	57	58	56	57	55	62	78	87	87	85	88	78·0	14·7
14	88	91	91	88	89	88	87	73	61	64	68	79	76	71	65	67	74	77	83	88	92	94	94	94	80·8	13·1
15	95	96	95	95	97	97	94	96	95	95	93	94	81	80	76	74	74	73	77	78	77	83	86	89	87·2	14·0
16	88	95	91	91	89	91	85	74	72	67	65	68	72	77	88	85	87	86	88	85	88	91	93	95	83·7	11·1
17	95	97	96	96	96	96	99	97	97	94	94	93	92	93	94	93	83	84	89	90	91	91	92	92	**93·2**	14·0
18	94	93	93	90	88	88	92	86	84	74	70	66	58	59	52	63	79	73	69	71	84	81	84	81	78·3	12·2
19	84	82	87	86	85	77	73	65	60	58	56	56	49	46	45	46	57	58	57	67	69	76	73	77	**66·3**	10·7
20	82	83	86	87	87	81	73	76	63	74	76	86	85	88	88	91	91	95	90	89	91	88	92	90	84·4	12·7
21	91	92	90	90	90	89	89	84	80	64	62	57	63	57	45	45	44	45	70	78	85	86	89	94	74·0	15·3
22	99	93	93	94	93	87	84	77	73	81	91	94	93	85	79	73	70	78	79	81	90	91	90	96	86·0	15·3
23	91	89	91	84	85	83	82	77	79	72	61	69	71	67	63	64	71	77	85	90	91	94	92	92	80·1	**16·7**
24	96	91	92	92	91	94	90	91	87	88	87	85	81	79	79	81	86	86	88	90	89	89	90	91	88·1	14·1
25	92	92	92	92	92	90	81	74	77	64	63	64	68	65	69	75	73	77	82	89	92	99	92	93	80·9	15·6
26	92	85	88	90	92	94	96	95	97	90	90	76	81	72	69	90	93	95	88	87	91	93	89	89	88·5	12·3
27	93	89	88	87	94	93	89	83	73	69	59	61	65	56	55	52	59	60	68	76	83	83	84	84	75·2	10·3
28	86	86	87	90	93	87	79	66	63	57	67	66	80	78	74	78	85	81	85	90	89	89	88	85	80·4	11·5
29	85	88	86	79	85	87	80	68	71	71	71	75	79	84	90	86	90	89	93	92	92	95	97	95	84·3	12·1
30	92	95	88	92	88	86	85	79	77	71	69	76	76	66	64	69	66	66	69	76	81	81	81	79	78·3	12·3
31	83	86	88	87	88	84	77	72	74	73	75	74	73	73	68	70	76	68	69	75	79	79	78	83	77·1	10·9
Mean ...	88·6	89·8	89·5	89·2	**89·8**	88·1	85·3	80·2	77·1	73·8	71·6	70·6	70·3	68·6	**68·3**	69·5	71·7	73·3	76·8	80·8	84·8	86·3	87·1	87·8	80·0	12·8†
Vapour Pressure* ...	mb. 11·6	mb. 11·5	mb. 11·2	mb. **11·2**	mb. 11·4	mb. 11·9	mb. 12·5	mb. 12·8	mb. 13·2	mb. 13·3	mb. 13·4	mb. 13·7	mb. **13·9**	mb. 13·8	mb. 13·6	mb. 13·6	mb. 13·5	mb. 13·3	mb. 13·2	mb. 12·8	mb. 12·5	mb. 12·2	mb. 11·9	mb. 11·7	mb. 12·7‡	

150. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **August, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	84	76	77	85	80	82	83	81	79	79	77	64	73	67	72	68	69	89	90	87	90	86	86	80	79·4	10·8
2	84	82	75	69	76	75	81	73	67	65	64	61	63	63	68	65	80	88	83	85	82	82	84	89	75·0	10·5
3	94	90	93	89	91	95	93	82	82	80	92	86	91	92	94	93	90	91	94	95	95	94	94	93	90·9	11·7
4	90	89	93	94	94	96	88	83	80	79	73	65	68	61	62	72	74	75	79	84	88	88	88	89	81·4	12·1
5	92	90	92	90	91	90	91	77	71	66	70	63	65	79	88	76	89	89	87	90	95	94	94	96	84·3	11·8
6	96	94	94	95	97	92	90	87	78	70	66	60	60	63	63	65	56	63	69	75	82	88	91	91	78·6	12·4
7	93	91	89	89	93	89	88	84	78	79	79	84	87	88	93	91	91	95	92	92	92	95	91	94	89·0	13·2
8	95	95	95	94	94	97	95	90	85	83	88	82	73	75	74	74	72	79	85	85	89	88	88	90	86·1	13·6
9	90	90	88	90	91	95	95	96	96	96	95	87	94	75	78	65	64	67	81	91	92	89	91	90	86·9	13·8
10	91	95	91	95	96	90	89	88	84	87	80	87	83	80	78	73	86	92	93	85	84	84	87	89	87·0	12·5
11	86	86	88	88	90	89	91	80	75	71	69	86	76	73	79	72	76	73	82	91	91	91	90	95	82·7	11·5
12	94	94	94	96	96	95	98	98	96	95	96	95	95	98	97	97	95	96	99	96	96	96	99	95	**96·1**	14·8
13	96	99	99	99	99	96	97	96	96	94	86	80	80	84	87	91	87	94	94	99	98	95	90	90	92·8	**15·5**
14	88	86	84	83	83	84	86	84	81	79	76	72	70	66	70	70	78	78	82	89	88	88	84	85	80·7	12·5
15	85	87	88	88	90	90	91	81	77	73	72	69	63	54	50	57	53	55	62	74	83	87	90	81	75·1	11·3
16	85	88	88	90	86	89	85	77	67	69	69	67	60	61	61	49	62	63	79	84	74	80	84	90	75·5	10·7
17	93	94	94	94	97	93	88	74	61	56	63	58	64	61	61	63	63	69	82	88	92	91	96	96	78·7	11·3
18	92	96	90	89	93	92	88	97	88	85	77	73	73	71	70	71	70	79	80	88	91	92	93	92	84·7	12·5
19	90	91	92	94	94	94	94	90	90	90	87	77	79	79	75	76	81	86	85	88	92	95	91	92	87·6	12·8
20	96	92	92	95	92	91	95	91	88	79	79	79	76	77	76	79	77	91	91	96	96	94	94	95	87·9	14·1
21	94	93	93	93	95	97	96	99	98	95	89	79	76	71	82	79	87	85	92	94	91	89	90	93	89·6	14·3
22	94	91	90	89	93	92	90	87	82	74	70	61	71	70	90	88	85	86	88	87	91	90	89	90	85·0	12·7
23	90	94	95	94	90	89	88	87	78	82	80	69	70	78	86	75	89	92	89	94	94	95	94	92	86·8	13·3
24	97	96	91	97	91	96	97	84	73	77	82	87	89	82	87	84	84	86	95	91	87	90	87	86	88·5	12·2
25	85	86	87	88	87	87	85	78	70	70	72	61	58	63	55	55	67	77	84	85	86	93	91	91	77·5	10·6
26	90	91	91	89	89	90	96	92	86	94	96	96	97	98	95	99	100	100	99	89	91	94	92	96	93·6	10·8
27	95	97	98	91	91	90	89	87	87	87	80	82	69	71	73	74	73	76	75	99	90	93	92	93	85·6	12·5
28	93	91	93	99	96	95	96	96	85	80	80	79	77	74	82	93	96	99	99	99	96	84	83	88	89·8	12·7
29	78	75	78	71	77	74	72	71	73	73	68	67	72	69	72	77	69	68	79	75	78	81	73	78	**73·9**	**10·5**
30	73	75	78	70	79	81	82	83	86	83	79	75	88	83	90	92	96	97	100	99	97	96	93	94	85·9	12·0
31	95	95	96	95	95	97	95	99	95	95	89	90	89	81	91	92	91	89	88	86	85	83	88	82	91·1	14·9
Mean ...	90·3	90·0	89·9	89·7	**90·7**	90·4	90·1	86·2	81·7	80·2	78·8	75·5	76·1	**74·4**	77·4	76·6	79·0	82·8	86·3	89·0	89·5	89·8	89·6	90·2	84·8	12·4†
Vapour Pressure* ...	mb. 11·2	mb. 11·1	mb. 10·9	mb. **10·9**	mb. 11·0	mb. 11·3	mb. 12·0	mb. 12·5	mb. 12·7	mb. 12·9	mb. 13·2	mb. 13·2	mb. 13·4	mb. 13·3	mb. **13·7**	mb. 13·5	mb. 13·5	mb. 13·5	mb. 13·5	mb. 13·0	mb. 12·5	mb. 12·1	mb. 11·7	mb. 11·5	mb. 12·4‡	
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

151. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulbs above ground) = 0·9 metres. **September, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	76	77	76	71	79	77	78	72	71	76	79	66	66	72	70	84	78	77	72	74	77	83	84	80	75·7	9·3
2	83	82	83	82	84	82	77	73	69	73	68	68	90	87	88	79	71	78	91	87	87	86	86	86	80·7	9·8
3	91	86	84	75	79	76	76	66	65	62	63	65	60	63	64	64	65	68	69	76	76	74	72	78	71·7	8·6
4	76	76	79	84	76	88	79	74	67	63	58	60	63	58	58	63	63	71	72	79	79	80	80	77	71·8	**7·6**
5	74	73	73	74	72	71	74	77	72	65	58	57	60	58	66	65	66	72	79	81	76	85	79	80	**71·1**	8·1
6	75	78	79	80	80	86	71	67	67	72	70	65	62	62	61	65	70	72	73	83	87	82	86	83	73·9	8·8
7	82	80	80	75	74	76	78	73	74	81	71	85	85	85	79	77	82	83	86	89	89	86	85	87	80·8	9·5
8	88	91	90	91	93	92	90	83	81	74	75	63	63	66	69	68	71	77	80	76	79	94	94	89	80·7	9·6
9	89	91	91	93	90	90	91	81	94	92	93	86	80	83	73	77	79	84	87	89	94	91	94	89	87·6	8·4
10	84	80	79	78	77	81	77	73	70	71	67	69	73	68	72	73	71	73	83	89	88	92	84	84	77·4	8·9
11	83	84	83	83	84	85	85	80	72	68	75	75	82	86	75	77	83	88	89	87	87	88	87	88	82·2	9·0
12	86	87	88	82	84	81	84	76	67	63	65	65	63	60	62	67	76	76	84	88	90	93	92	92	77·9	7·8
13	95	95	94	94	93	93	93	92	94	92	72	71	67	63	64	73	75	85	78	81	90	88	96	96	84·7	8·2
14	95	95	92	92	92	93	97	96	96	91	96	96	95	91	90	89	91	90	92	89	93	91	89	88	92·6	12·4
15	87	87	90	88	91	92	92	87	79	72	77	63	65	59	59	61	68	70	71	68	67	69	68	71	75·4	9·8
16	72	77	90	92	94	92	94	92	91	90	73	71	71	59	57	59	67	77	87	83	92	90	91	93	81·0	10·1
17	93	93	93	93	93	93	87	86	84	87	77	74	79	75	82	83	89	88	91	92	88	90	92	92	87·3	8·2
18	92	93	96	97	88	84	83	78	81	74	66	73	79	77	72	75	81	86	88	88	90	90	90	94	83·9	10·5
19	91	94	93	96	93	94	91	92	86	83	77	77	76	77	71	83	89	89	90	91	91	89	89	88	87·2	10·0
20	88	90	90	93	93	90	86	90	80	71	69	73	65	76	69	71	76	87	86	93	89	90	96	94	83·4	8·9
21	94	95	94	91	97	93	91	88	85	79	70	63	61	59	66	66	79	71	83	75	89	83	87	97	81·5	8·9
22	96	93	97	98	100	96	96	100	96	93	94	94	91	88	89	87	88	90	93	94	92	93	91	90	93·5	9·9
23	86	85	80	77	81	80	81	78	75	72	66	67	68	73	70	72	76	78	81	85	85	82	84	86	77·9	8·9
24	82	81	79	79	78	80	80	77	78	76	66	65	62	74	73	81	84	76	83	85	90	89	89	91	79·0	7·9
25	88	91	92	99	100	100	99	98	97	89	76	68	66	67	69	79	85	87	90	94	93	93	93	94	87·7	8·0
26	83	86	86	84	85	85	74	80	85	89	88	84	79	79	76	87	75	78	78	75	78	78	77	81	81·5	9·0
27	82	80	81	85	84	82	81	76	70	62	63	61	60	66	60	70	76	85	81	80	84	88	87	87	76·2	8·1
28	86	93	97	95	97	95	96	98	98	100	97	98	100	97	98	100	100	100	99	97	100	100	99	99	**97·2**	12·8
29	97	100	96	97	95	96	97	97	99	99	99	94	92	86	85	86	87	88	92	90	90	93	92	93	93·4	**14·2**
30	96	93	97	97	97	95	96	96	96	88	82	76	73	74	76	74	79	85	84	87	89	91	92	91	87·7	11·1
Mean ...	86·3	86·9	87·4	87·2	87·4	87·3	85·8	83·2	81·3	78·9	75·0	73·1	73·2	72·9	**72·1**	75·2	78·7	80·3	83·7	84·8	86·6	87·4	87·5	**87·9**	82·1	9·4†
Vapour Pressure* ...	mb. 8·8	mb. 8·8	mb. 8·8	mb. 8·6	mb. 8·6	mb. **8·5**	mb. 8·7	mb. 9·2	mb. 9·7	mb. 10·0	mb. 9·9	mb. 9·9	mb. 10·1	mb. 10·1	mb. **10·2**	mb. 10·1	mb. 10·1	mb. 9·6	mb. 9·3	mb. 9·1	mb. 9·1	mb. 9·1	mb. 9·0	mb. 8·9	mb. 9·3‡	

152. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **October, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	89	91	94	91	93	95	92	86	85	75	72	71	72	68	73	73	77	85	81	85	81	89	91	85	83·2	9·9
2	92	87	80	82	84	85	87	79	77	77	70	70	69	69	70	81	84	87	86	86	85	86	90	90	81·3	10·6
3	92	91	91	91	96	96	95	96	97	96	93	92	96	95	89	90	90	92	92	94	96	97	95	94	93·5	13·3
4	95	92	97	96	92	93	96	96	95	95	90	85	80	80	81	82	84	88	89	87	96	91	93	96	90·3	10·9
5	95	96	92	91	92	92	94	95	94	91	85	82	73	68	73	81	91	93	96	98	99	99	99	98	90·3	13·0
6	97	97	97	97	96	99	99	100	97	99	97	98	99	99	100	100	99	97	95	87	85	92	91	91	96·3	12·6
7	91	89	87	87	88	93	91	93	91	89	79	78	78	79	82	82	80	83	82	80	84	83	89	88	85·3	8·8
8	84	86	84	87	87	84	88	83	75	69	60	66	59	61	59	58	64	80	76	85	86	91	89	91	77·1	6·5
9	89	89	88	93	96	95	96	77	64	65	61	63	66	66	66	67	83	86	87	92	91	92	98	97	81·8	7·3
10	96	96	96	96	97	96	95	95	94	84	73	73	69	63	61	67	82	84	84	87	88	83	84	92	84·9	7·6
11	88	94	91	94	91	91	91	85	79	85	76	68	71	72	63	67	73	80	80	81	80	82	85	83	81·4	9·5
12	86	87	89	91	91	95	90	90	87	86	85	78	76	75	74	74	78	83	86	91	91	93	95	97	85·9	8·7
13	95	95	91	91	91	88	83	85	76	66	63	60	62	62	60	62	74	68	71	72	67	63	66	66	74·7	6·0
14	65	66	69	70	66	66	66	64	59	68	61	61	59	59	59	64	71	75	80	76	68	70	68	70	**66·6**	**5·2**
15	72	75	77	77	78	79	80	78	69	67	66	64	63	63	76	83	83	90	92	94	95	95	91	86	78·5	6·0
16	85	87	89	89	87	85	83	86	80	76	74	69	64	63	64	73	75	85	86	89	90	84	85	85	80·5	5·6
17	86	82	91	96	95	95	96	97	95	93	86	87	73	67	64	71	71	70	71	72	72	70	71	83	81·5	8·6
18	80	72	72	83	85	78	78	78	75	72	72	68	69	70	71	74	81	85	87	87	92	86	88	89	78·5	7·6
19	91	87	88	88	87	89	88	89	88	78	64	60	62	64	66	69	74	73	75	76	77	76	75	81	77·9	6·4
20	89	89	89	93	92	92	93	92	92	91	94	93	95	94	94	94	97	97	97	96	97	97	100	98	93·6	9·3
21	98	98	98	98	98	98	98	98	98	100	99	99	99	98	95	95	96	95	93	93	92	92	91	92	**96·4**	**13·3**
22	94	94	90	92	93	94	97	96	95	94	94	91	93	91	91	92	96	96	96	89	86	90	91	94	92·8	12·3
23	93	94	93	94	94	94	92	91	92	87	86	86	87	90	90	94	92	92	96	93	93	93	91	91	91·7	11·3
24	91	93	91	93	94	96	93	92	88	84	82	75	84	85	88	88	86	84	89	94	93	90	91	90	88·9	10·1
25	91	87	90	90	94	91	92	89	86	77	81	67	86	82	73	81	85	83	89	88	89	89	91	92	85·9	9·3
26	97	96	98	97	95	98	98	93	90	97	96	95	95	96	94	76	82	87	84	88	86	90	93	93	92·3	10·6
27	87	89	88	93	92	91	93	90	88	92	94	88	88	87	92	86	78	82	80	76	75	77	77	76	86·2	9·4
28	76	76	82	88	90	89	93	89	88	89	89	80	72	79	78	85	89	92	92	93	95	93	98	98	86·7	9·2
29	100	97	97	90	86	96	96	98	88	89	84	85	94	100	96	95	96	94	92	90	91	92	90	92	93·0	11·6
30	91	89	88	88	88	87	89	92	89	84	87	82	84	82	83	84	84	85	82	81	85	86	90	89	86·3	10·5
31	89	90	90	87	89	87	85	87	89	78	83	83	85	88	91	92	92	94	97	96	95	93	93	96	89·4	11·0
Mean ...	89·2	88·7	88·9	90·1	90·1	**90·5**	**90·5**	89·0	85·8	83·7	80·5	78·0	78·1	**77·9**	77·9	80·0	83·5	86·0	86·5	87·0	87·1	87·2	88·3	89·1	85·6	9·4†
Vapour Pressure* ...	mb. 8·7	mb. 8·7	mb. **8·6**	mb. 8·7	mb. 8·7	mb. 8·6	mb. 8·6	mb. 9·0	mb. 9·3	mb. 9·6	mb. 9·5	mb. 9·6	mb. 9·8	mb. **9·9**	mb. 9·8	mb. 9·8	mb. 9·6	mb. 9·4	mb. 9·2	mb. 9·1	mb. 9·0	mb. 8·9	mb. 8·8	mb. 8·8	mb. 9·2‡	
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

153. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulbs above ground) = 0·9 metres. **November, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour* Pressure.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	97	98	98	93	93	94	94	92	84	84	78	72	75	71	75	79	78	73	73	80	87	91	92	93	85·3	9·9
2	93	96	96	97	97	97	89	88	90	90	86	92	93	88	91	90	87	92	91	96	96	96	96	93	92·5	**10·5**
3	92	93	97	97	97	96	95	95	96	98	92	91	92	93	93	92	97	95	89	89	89	90	85	87	93·2	10·0
4	89	89	89	90	93	91	92	94	91	89	86	85	87	81	86	93	96	93	93	96	94	94	97	96	90·8	9·0
5	94	94	93	97	98	98	97	96	93	90	88	84	81	76	79	80	80	84	87	90	89	93	92	93	89·5	8·7
6	92	91	91	98	97	93	96	94	89	93	90	86	81	83	86	95	91	90	91	91	92	93	93	94	91·2	7·9
7	89	92	93	94	89	92	91	91	88	95	94	92	93	89	93	86	84	79	75	85	83	77	84	82	88·2	6·9
8	85	85	81	93	95	88	74	78	93	87	80	89	89	78	77	78	81	78	77	80	82	81	80	78	82·9	5·6
9	80	82	84	86	87	89	90	90	89	82	75	63	58	65	72	82	92	93	93	94	93	92	92	93	83·7	4·5
10	93	93	93	89	89	90	83	81	76	73	69	68	69	70	74	84	86	87	91	90	93	94	94	95	84·3	4·6
11	95	93	91	94	93	94	94	93	95	84	73	64	62	64	64	77	85	90	93	93	94	95	95	95	86·3	4·7
12	96	96	98	98	98	98	97	96	97	90	83	72	68	72	73	80	89	92	93	95	95	95	96	97	90·1	4·2
13	96	96	97	95	96	98	97	96	97	98	89	90	69	67	76	85	89	91	92	94	93	95	95	96	91·2	4·3
14	95	96	96	96	97	96	95	95	93	93	94	93	92	89	91	92	92	88	87	88	90	90	90	94	92·6	5·1
15	95	96	95	96	96	97	96	96	96	92	72	68	66	68	69	81	87	90	91	92	91	93	94	95	88·0	4·4
16	95	95	95	95	94	94	93	93	94	88	91	90	90	92	92	94	95	95	96	95	98	97	97	98	94·0	6·5
17	98	93	93	95	95	90	94	95	91	89	93	87	86	86	88	94	91	90	94	94	93	94	95	95	92·3	6·5
18	95	96	96	96	96	96	96	96	96	96	82	80	73	76	83	94	93	95	96	96	96	95	95	95	92·0	5·8
19	96	97	98	97	97	97	97	97	98	96	84	84	78	82	88	95	96	96	97	97	97	97	97	96	93·9	4·8
20	95	95	95	95	94	96	96	94	96	98	99	98	97	88	95	97	97	96	96	95	95	96	96	96	95·6	4·7
21	96	96	96	95	96	96	96	96	97	97	97	96	96	96	97	98	95	97	98	99	99	99	100	100	96·9	5·7
22	100	100	100	100	100	99	100	100	100	100	100	100	89	97	100	100	98	100	99	100	97	91	91	89	**98·2**	6·8
23	89	88	88	89	89	87	87	80	79	84	84	67	71	67	79	74	76	82	83	88	85	86	86	86	82·3	5·3
24	86	88	85	75	86	86	88	89	84	80	83	89	88	91	92	92	96	95	87	88	88	89	87	82	87·3	6·0
25	82	89	75	74	69	68	70	68	69	67	67	64	62	63	64	66	69	70	70	71	73	76	77	78	71·0	4·1
26	75	75	80	83	86	87	90	90	91	84	81	74	62	65	67	74	71	74	78	77	81	86	83	83	79·0	**3·8**
27	88	95	95	89	81	73	71	72	72	72	70	69	67	64	63	65	66	68	67	67	69	70	70	73	73·4	4·5
28	72	80	74	73	72	71	71	68	68	66	65	63	63	64	64	64	65	65	65	66	65	65	66	67	**67·7**	3·9
29	67	67	67	67	68	69	69	69	73	74	79	93	94	95	96	96	95	95	94	94	93	89	94	94	82·4	4·7
30	92	93	92	88	89	89	90	91	89	90	89	93	92	92	94	90	89	91	85	86	81	75	70	69	88·0	5·6
Mean ...	90·2	**91·2**	90·7	90·8	90·9	90·3	89·6	89·1	88·8	87·3	83·8	81·9	79·4	**79·1**	82·0	85·6	86·9	87·5	87·4	88·9	89·0	89·1	89·4	89·4	87·5	6·0†
Vapour Pressure* ...	mb. 5·6	mb. 5·5	mb. 5·4	mb. 5·4	mb. **5·2**	mb. 5·3	mb. 5·3	mb. 5·3	mb. 5·5	mb. 5·9	mb. 6·2	mb. 6·3	mb. 6·4	mb. 6·4	mb. **6·4**	mb. 6·2	mb. 6·1	mb. 5·9	mb. 5·7	mb. 5·7	mb. 5·7	mb. 5·6	mb. 5·6	mb. 5·5	mb. 5·8‡	

154. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **December, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour* Pressure.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	73	77	82	78	75	76	76	74	77	77	80	79	77	77	77	77	76	78	79	77	76	78	76	75	76·8	4·3
2	78	78	77	77	75	79	77	78	77	76	72	68	67	68	71	78	77	74	73	74	74	77	76	77	**74·9**	4·1
3	78	78	78	77	77	78	79	80	80	77	78	66	69	78	75	77	86	92	97	98	98	98	98	98	82·5	4·9
4	98	97	97	96	91	90	88	85	90	86	78	71	73	76	77	90	97	98	99	100	100	100	100	100	90·7	4·7
5	99	98	98	97	97	97	98	98	98	98	91	82	78	81	83	83	83	85	85	85	86	86	85	85	90·1	3·5
6	86	86	86	87	85	85	88	88	88	90	88	78	68	68	78	79	89	97	96	97	98	98	97	98	87·1	**3·5**
7	97	99	99	98	99	100	99	99	99	100	99	99	99	100	97	95	94	95	96	95	97	97	96	93	**97·7**	6·7
8	94	97	91	94	93	92	93	97	97	100	100	100	100	97	95	96	94	93	95	95	85	91	91	93	94·7	8·7
9	89	92	88	93	88	92	90	91	88	87	95	88	88	91	90	85	75	84	76	83	85	82	85	86	87·3	6·8
10	91	89	90	87	83	84	84	81	83	83	76	81	76	74	79	78	79	80	80	84	84	85	82	78	82·3	6·6
11	82	82	80	79	80	77	80	81	81	79	78	78	71	86	78	76	79	76	69	72	77	76	81	76	78·1	5·4
12	75	71	76	79	85	84	85	82	82	80	77	76	74	76	78	78	81	78	80	79	79	73	79	79	78·5	4·9
13	79	78	83	84	89	89	88	90	93	97	92	82	75	77	80	80	80	79	79	79	82	80	80	81	83·1	4·1
14	80	80	79	76	75	78	76	74	75	76	77	76	77	76	77	79	78	78	77	78	78	79	80	79	77·5	4·4
15	77	77	80	80	78	81	80	80	97	100	100	100	100	99	99	99	99	99	98	96	92	92	91	92	90·8	5·1
16	92	92	91	92	92	93	92	96	98	100	100	94	96	96	93	85	89	90	95	87	95	96	89	91	93·1	6·3
17	88	87	88	95	93	96	90	91	89	89	89	88	85	85	81	86	92	91	75	75	85	82	80	91	87·4	**8·8**
18	93	87	85	85	82	80	83	83	83	86	83	86	82	87	86	89	88	88	92	100	100	100	99	99	88·4	7·4
19	98	97	97	97	97	97	92	92	92	92	92	96	96	97	97	96	97	97	97	97	96	92	92	90	95·3	5·1
20	98	100	100	99	99	98	92	91	90	91	92	93	91	90	92	92	98	97	98	97	96	92	92	93	94·6	5·6
21	92	91	91	91	92	91	92	90	90	90	91	92	90	90	91	97	97	99	99	99	100	100	100	100	93·8	5·4
22	99	99	98	98	98	92	94	97	96	90	91	86	81	77	85	92	88	83	80	78	77	74	73	74	88·0	4·9
23	78	80	74	73	68	66	76	80	82	80	76	79	80	80	80	77	80	79	85	88	92	80	81	96	79·1	3·9
24	98	98	88	79	85	78	82	80	80	80	77	75	75	73	72	78	79	78	78	77	81	83	86	88	81·3	4·3
25	92	98	98	99	99	99	98	96	96	97	97	96	92	92	91	92	92	92	96	96	98	99	99	98	95·7	3·5
26	97	98	99	99	99	99	98	97	92	85	96	98	98	99	98	97	96	95	92	92	91	91	91	91	95·5	6·4
27	87	95	98	98	97	98	98	100	97	97	98	95	100	97	96	94	100	98	93	96	97	91	90	92	95·9	8·3
28	93	90	93	92	95	98	94	91	98	90	89	88	88	82	96	98	98	97	98	98	100	98	90	90	93·5	8·1
29	90	91	92	94	94	90	95	97	98	97	93	78	72	76	80	87	90	88	91	94	95	95	87	85	89·6	8·7
30	82	77	81	87	88	89	94	91	91	91	89	86	82	87	92	90	87	88	87	96	94	91	87	86	88·0	7·6
31	97	79	83	**79**	80	82	88	88	84	90	95	83	87	86	90	87	88	85	86	85	83	84	85	91	86·0	6·6
Mean ...	88·7	88·3	88·4	88·3	88·0	88·0	88·3	88·3	89·1	88·7	88·0	85·1	**83·5**	84·5	85·8	86·7	87·9	88·1	87·8	88·6	**89·4**	88·4	87·7	88·5	87·7	5·8†
Vapour Pressure* ...	mb. 5·5	mb. 5·5	mb. 5·4	mb. 5 4	mb. **5·4**	mb. 5·4	mb. 5·4	mb. 5·4	mb. 5·5	mb. 5·7	mb. 5·9	mb. 5·9	mb. 5·9	mb. **6·1**	mb. 6·0	mb. 5·7	mb. 5·6	mb. 5·6	mb. 5·4	mb. 5·4	mb. 5·5	mb. 5·4	mb. 5·4	mb. 5·4	mb. 5·6‡	
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

HUMIDITY: ANNUAL MEANS OF HOURLY VALUES.

From the monthly means for exact hours, Greenwich Mean Time.

155. Eskdalemuir : (Louvred Hut) ht = 0.9 metres. **1925.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Relative Humidity ...	88.0	88.2	**88.5**	88.4	88.4	87.7	87.1	84.9	82.7	81.1	78.9	77.0	75.8	**75.6**	76.0	77.6	79.7	81.3	83.5	85.4	86.6	87.1	87.5	87.8	83.5
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Vapour Pressure (in millibars) ...	7.9	7.9	7.8	**7.8**	7.8	7.9	8.1	8.3	8.6	8.8	8.9	9.0	9.1	9.1	**9.1**	9.1	9.0	8.8	8.7	8.5	8.4	8.2	8.1	8.0	8.5

RELATIVE HUMIDITY: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

156. Eskdalemuir : (Louvred Hut) ht = 0.9 metres. **1925.**

G.M.T.	Mean	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Jan.	**87.8**	+ 0.1	− 0.5	+ 0.2	+ 0.3	− 0.3	− 0.3	+ **1.7**	− 0.4	+ 0.9	+ 1.1	− 0.1	− 1.2	− **2.4**	− 2.2	− 1.9	− 1.2	+ 0.2	+ 1.2	+ 1.2	+ 0.3	+ 1.6	+ 1.4	+ 0.9	− 0.6
Feb.	87.7	+ 1.9	+ 1.9	+ 1.9	+ **2.0**	+ 1.5	+ 0.7	+ 1.0	+ 1.2	− 0.3	− 1.6	− 1.1	− 1.8	− **3.0**	− 2.1	− 1.5	− 0.9	− 0.5	− 0.7	− 0.1	+ 0.6	− 0.5	− 0.3	+ 0.4	+ 1.3
Mar.	80.6	+ 4.1	+ 4.1	+ 4.3	+ **4.5**	+ 4.1	+ 3.7	+ 4.1	+ 3.2	+ 1.7	− 0.9	− 4.0	− 5.3	− 7.7	− **8.3**	− 8.1	− 6.9	− 4.5	− 2.1	+ 0.9	+ 1.7	+ 1.9	+ 2.8	+ 3.4	+ 3.4
April	81.0	+ 5.6	+ 5.9	+ 6.1	+ 6.1	+ **7.3**	+ 6.0	+ 6.3	+ 2.6	− 1.9	− 2.6	− 6.3	− 8.4	−**12.1**	−10.9	−12.1	− 8.8	− 5.1	− 3.6	− 0.6	− 3.4	+ 5.4	+ 5.4	+ 6.1	+ 6.1
May	83.4	+ 6.3	+ 5.9	+ 6.3	+ 6.5	+ **6.6**	+ 5.2	+ 3.2	+ 2.4	− 0.6	− 3.1	− 5.1	− 7.1	− 7.7	− 9.4	−**11.1**	− 8.7	− 6.8	− 5.3	− 1.0	+ 2.6	+ 4.1	+ 5.0	+ 6.0	+ 5.8
June	**74.3**	+10.4	+**12.0**	+11.3	+11.5	+10.3	+ 8.2	+ 4.2	− 1.1	− 6.1	− 7.6	− 9.4	−11.3	−**12.3**	−**12.3**	−11.8	−11.0	− 9.0	− 6.3	− 2.4	+ 2.3	+ 4.9	+ 7.3	+ 8.6	+ 9.5
July	80.0	+ 8.6	+ **9.8**	+ 9.5	+ 9.2	+ 9.8	+ 8.1	+ 5.4	+ 0.3	− 2.9	− 6.2	− 8.4	− 9.4	− 9.7	−11.3	−**11.6**	−10.5	− 8.3	− 6.6	− 3.1	+ 0.9	+ 4.9	+ 6.3	+ 7.2	+ 7.9
Aug.	84.8	+ 5.5	+ 5.2	+ 5.1	+ 5.0	+ **5.9**	+ 5.6	+ 5.3	+ 1.4	− 3.1	− 4.6	− 5.9	− 9.2	− 8.7	−**10.3**	− 7.4	− 8.1	− 5.7	− 1.9	+ 1.6	+ 4.3	+ 4.8	+ 5.1	+ 4.9	+ 5.4
Sept.	82.1	+ 4.4	+ 4.9	+ 5.4	+ 5.2	+ 5.4	+ 5.3	+ 3.8	+ 1.2	− 0.7	− 3.1	− 7.1	− 9.0	− 8.9	− **9.2**	−10.0	− 7.0	− 3.5	− 1.9	+ 1.6	+ 2.7	+ 4.4	+ 5.2	+ 5.3	+ **5.7**
Oct.	85.6	+ 3.7	+ 3.2	+ 3.4	+ 4.6	+ 4.5	+ **5.0**	+ **5.0**	+ 3.5	+ 0.3	− 1.9	− 5.0	− 7.6	− 7.5	− **7.7**	− 7.7	− 5.6	− 2.1	+ 0.4	+ 0.9	+ 1.3	+ 1.5	+ 1.6	+ 2.7	+ 3.5
Nov.	87.5	+ 2.4	+ **3.4**	+ 2.9	+ 3.1	+ 3.2	+ 2.6	+ 2.0	+ 1.5	+ 1.2	− 0.2	− 3.7	− 5.6	− 8.0	− **8.3**	− 5.3	− 1.7	− 0.4	+ 0.3	+ 0.2	+ 1.7	+ 1.9	+ 2.1	+ 2.4	+ 2.4
Dec.	87.7	+ 1.4	+ 1.0	+ 1.0	+ 0.9	+ 0.5	+ 0.5	+ 0.8	+ 0.8	+ **1.5**	+ 1.1	+ 0.4	− 2.6	− **4.2**	− 3.3	− 1.9	− 1.1	+ 0.1	+ 0.3	− 0.1	+ 0.7	+ 1.5	+ 0.4	− 0.3	+ 0.5
Year	83.5	+ 4.5	+ 4.7	+ 4.8	+ **4.9**	+ 4.9	+ 4.2	+ 3.6	+ 1.4	− 0.8	− 2.5	− 4.6	− 6.5	− 7.7	− **7.9**	− 7.5	− 6.0	− 3.8	− 2.2	− 0.1	+ 1.3	+ 3.0	+ 3.5	+ 4.0	+ 4.2

RAINFALL: ANNUAL TOTALS OF HOURLY VALUES.

† *Amounts, in millimetres; durations, in hours, for periods of sixty minutes between the exact hours, Greenwich Mean Time.*

157. Eskdalemuir : H_r = 242.0 metres + 0.4 metres. **1925.**

G.M.T.	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to Noon	Noon to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	0 to 24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.
Amount	63.3	57.8	61.6	56.5	48.1	69.4	67.3	67.2	68.1	54.8	78.5	70.0	54.5	58.3	73.6	74.8	80.7	79.9	66.3	69.2	59.9	64.1	55.6	48.3	1547.8
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
Duration	49.4	49.7	52.6	48.2	45.9	55.9	56.2	47.1	49.6	38.1	41.5	46.5	43.8	45.8	47.9	43.9	49.7	53.9	52.2	53.1	51.0	44.1	43.4	45.0	1154.5

† The totals and durations for individual months are printed in the tables on the following pages.

NOTES ON RAINFALL.

158. Eskdalemuir. **1925.**

Notable Falls of the Year.

(*a*) The greatest amount in a 60-minute period was 10.8 mm., which was recorded between 15h. and 16h., July 26th. There were a number of occasions when 4, 5, 6 or 7 mm. were recorded in the space of an hour.

(*b*) Details of the greatest continuous falls are as follows:—

Date.	Amount. mm.	Duration. hrs.
January 1st	38	10.2
January 29th	33	7.8
February 14th	30	23.3
April 18th..	41	20.5
April 22nd	38	11.5
May 27th	47	19.3
May 29th	25	7.6
August 12th	31	11.3

Wet Periods.

(*a*) There were three "rain spells" (i.e., periods of fifteen or more consecutive days on each of which 0.2 mm. or more of rain fell), viz., January 28th to February 18th, April 22nd to May 9th, and October 20th to November 8th.

(*b*) No period merits description as a "wet spell" (i.e., a period of fifteen or more consecutive days on each of which 1.0 mm. or more of rain fell), but the period December 18th to December 31st, with fourteen days, was nearly a wet spell. The total fall during this period amounted to 107.6 mm., the maximum and minimum daily falls being 22.3 mm. and 1.0 mm. respectively.

Dry Periods.

(*a*) There were two periods of "absolute drought" (i.e., fifteen or more consecutive days on each of which less than 0.2 mm. of rain fell), viz., June 7th to June 29th, and November 9th to November 23rd.

(*b*) There was one period of "partial drought" (i.e., twenty-nine or more consecutive days, the mean rainfall of which did not exceed 0.2 mm. per day), viz., June 4th to July 8th.

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

159. Eskdalemuir : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 242·0 metres + 0·4 metres. **January, 1925**

Day	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	2·0	2·3	6·6	4·5	1·2	5·7	4·9	2·5	3·6	2·6	2·0	·7	·6	...	...	39·2	11·6
2	...	...	...	...	...	...	...	·2	·8	·6	1·4	3·5	·4	...	·2	...	...	...	...	...	...	...	...	...	7·1	5·5
3	...	...	...	...	...	...	...	...	...	...	·2	...	·1	...	·2	·2	...	...	...	...	...	...	...	...	0·7	1·0
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	(·1)	(...)	...	...	...	...	...	·4	·5	·3	...	...	...	...	...	...	1·0	1·8	·2	·2	...	...	...	...	4·5	2·8
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(...)	(·1)	(...)	0·1	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	·2	·2	·3	·3	·8	·2	·1	·3	2·8	2·8	2·0	1·2	1·0	1·4	·2	·7	·4	1·4	1·4	...	17·7	**14·8**
9	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	·9
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·1	...	...	0·6	1·6
11	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	0·1	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	·7	·5	·7	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	3·0	3·2
14	4·3	3·2	5·5	2·2	·5	1·1	1·1	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18·3	7·3
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	·2	·4	·4	·5	1·0	·2	...	...	...	·4	2·2	·2	...	...	...	...	·2	...	...	...	5·7	7·2
18	·9	·2	...	...	...	...	...	...	...	...	(...)	(...)	(·1)	(...)	(...)	...	...	...	...	...	...	...	...	...	1·2	1·6
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	·1	·6	·3	·9	·9	·7	·1	...	...	...	·3	...	...	1·5	1·9	·2	·1	·1	·1	...	...	·2	8·0	9·9
24	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	1·5
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·2
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	·1	·1	·1	·1	·1	...	...	...	...	...	...	...	...	...	...	...	1·8	1·3	·4	·4	·2	...	...	...	4·6	8·8
29	·3	·4	...	...	...	1·1	5·4	7·7	5·9	5·3	2·7	4·1	1·1	...	·2	·1	·4	·4	...	·6	·6	2·0	1·7	·7	**40·7**	14·3
30	·4	·2	...	·2	...	·1	...	...	...	·9	...	·5	...	·3	·4	...	·1	1·0	·9	·4	1·7	2·1	3·5	1·3	14·0	11·5
31	·6	...	...	1·1	·4	...	1·5	·1	...	...	...	...	...	·3	·7	...	...	·3	1·5	·4	·9	1·5	·1	...	9·4	7·9
Sum.	7·0	4·2	5·9	4·2	2·4	4·3	10·3	10·4	9·1	9·7	6·7	**15·0**	9·4	5·0	11·6	8·1	8·7	10·0	5·9	4·8	5·3	7·7	6·8	3·2	175·7	111·6
Total Duration.	hr. **6·5**	hr. 4·2	hr. 3·2	hr. 3·8	hr. 4·5	hr. 5·6	hr. 5·6	hr. 5·0	hr. 4·7	hr. 5·0	hr. 3·8	hr. 4·2	hr. 4·6	hr. 3·6	hr. 5·8	hr. 4·2	hr. 4·4	hr. 5·6	hr. 4·9	hr. 5·5	hr. 5·9	hr. 4·9	hr. 3·2	hr. 2·9	hr. 111·6	

160 Eskdalemuir : H_r = 242·0 metres + 0·4 metres. **February, 1925.**

Day	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	·2	·6	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	...	...	...	...	1·2	2·1
2	...	...	...	...	...	...	...	...	...	...	·4	·2	·4	...	·2	...	...	...	...	...	...	...	...	...	1·2	2·7
3	...	...	...	...	...	...	...	...	...	·2	·1	...	...	...	·1	·4	·1	1·3	·7	·4	·2	·1	...	...	3·6	3·7
4	·1	...	...	·6	...	·1	·1	...	...	·2	...	...	...	...	...	·4	...	...	·1	·1	·1	...	·5	...	2·3	4·9
5	...	...	...	...	·2	3·8	2·6	·9	2·6	·9	...	...	...	...	·2	·7	·3	...	...	·3	...	...	...	...	12·5	6·9
6	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	·2	·3	...	...	...	·2	...	...	0·8	1·5
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	0·5	0·9
8	1·1	3·7	1·8	1·2	·4	·3	...	1·0	...	...	·2	·4	·5	2·9	4·8	3·5	6·5	2·5	...	·3	...	...	...	...	**31·1**	14·0
9	·2	...	...	...	·1	·2	·8	1·3	1·1	...	...	...	...	...	·1	...	...	·3	...	...	...	...	...	·2	4·3	4·8
10	·4	3·0	1·7	...	...	...	1·4	·8	·7	·4	...	...	·1	2·4	·6	...	·3	1·2	1·9	1·5	·6	·6	·9	1·3	19·8	15·5
11	1·3	1·3	1·3	1·3	·8	...	...	...	...	...	...	...	·2	·8	·8	·7	·4	·4	·8	1·2	1·1	1·2	·5	...	14·1	14·5
12	...	...	·2	1·4	...	...	·1	...	...	...	...	·6	...	...	...	...	...	...	...	...	...	·2	...	...	2·5	2·5
13	...	...	...	...	...	...	...	...	1·9	1·3	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	3·5	2·6
14	...	...	...	...	...	...	...	...	·5	·8	·9	1·9	1·3	·6	1·4	2·8	1·2	1·6	1·3	1·8	1·6	2·1	1·8	2·3	23·9	**16·0**
15	1·8	1·0	1·0	1·2	1·0	·3	·4	·1	2·6	1·9	(...)	(·1)	(...)	(·1)	(...)	(·1)	(...)	(·1)	...	...	...	·1	·1	...	11·9	10·9
16	...	...	...	·3	...	...	...	...	·2	·3	·9	...	...	...	...	...	...	...	...	...	...	...	·2	·2	2·1	3·3
17	·3	·2	·4	·3	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·2	...	...	·3	2·5	8·1
18	...	·2	·2	·2	...	...	...	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	3·4
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	1·0	1·8	1·2	·8	·2	·2	...	...	...	5·8	6·5
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	·2	1·0	·8	1·1	·6	·7	·1	1·0	·9	·3	·1	·1	·1	·1	...	...	...	...	...	...	...	7·1	12·0
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·6	1·7	·7	·3	·6	·5	2·5	...	7·1	7·5
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	·2	1·3	·9	1·8	·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·0	4·1
27	...	(...)	(·1)	(...)	(·1)	(...)	(·1)	·1	...	·4	·2	·3	·2	·6	·3	...	...	...	...	...	...	(...)	(·1)	(...)	2·5	4·6
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	·1	·3	...	...	·1	·1	·6	·2	1·5	3·8
Sum.	5·4	10·0	6·8	6·7	4·0	6·9	7·5	6·8	11·2	6·5	4·0	4·4	3·0	7·5	9·4	9·8	**11·6**	10·9	6·5	6·7	4·7	5·1	7·2	5·0	167·6	156·8
Total Duration.	hr. 5·3	hr. 6·8	hr. 6·5	hr. 7·0	hr. 5·3	hr. 5·9	hr. 6·4	hr. 6·8	hr. 8·1	hr. 6·9	hr. 5·4	hr. 5·7	hr. 5·7	hr. 5·4	hr. 9·1	hr. 6·8	hr. 7·4	hr. **8·4**	hr. 6·1	hr. 8·0	hr. 6·8	hr. 5·5	hr. 6·5	hr. 5·0	hr. 156·8	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

161. Eskdalemuir : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 242·0 metres + 0·4 metres. **March, 1925.**

Day	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	·9	·3	·6	·6	·2	...	·4	·4	1·2	·5	·5	...	·5	...	...	...	...	1·2	1·5	·1	·1	·7	1·5	11·2	10·3
2	1·8	·4	1·3	·4	...	·1	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	(...)	(...)	(·1)	4·2	4·4
3	(...)	(...)	...	...	...	·1	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	1·4
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	0·1	1·0
6	·6	·3	...	...	·4	·2	·1	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·7	3·4
7	...	...	...	...	...	·1	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	·7	·2	...	...	1·3	3·1
8	·9	...	·4	·1	·1	...	...	·1	·7	·2	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	2·6	4·3
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	1·7	1·6	·5	...	...	...	...	...	4·5	3·3
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	·1	·3	·6	...	...	...	...	...	...	...	...	...	...	...	...	1·0	1·8
14	1·5	·1	...	...	...	...	...	...	...	...	...	·1	...	·1	...	...	...	...	...	...	...	...	...	...	1·8	2·0
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	0·2	0·5
17	...	...	...	...	...	...	...	...	...	·1	·2	...	·2	...	...	...	...	...	...	...	...	...	...	...	0·5	1·7
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	·4	·3	·2	·3	·1	·2	·1	...	...	...	...	...	·1	...	...	...	·2	...	...	...	1·1	·4	·2	3·6	9·0
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	·1	...	·1	...	...	·3	...	...	0·8	1·6
22	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·3
23	...	...	...	...	...	...	...	...	...	...	...	·4	·3	·2	...	...	...	...	...	...	...	...	...	...	0·9	2·1
24	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·5
25	...	...	...	...	...	...	...	...	...	...	...	·1	1·1	·3	·4	·8	·1	·3	·1	...	...	...	...	1·0	4·2	4·5
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	·1	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	1·1
31	...	...	...	...	...	·2	·8	·2	·8	...	·5	·7	·9	·8	1·5	2·5	4·5	4·4	·7	·2	·3	...	...	...	**19·0**	**10·6**
Sum.	4·8	2·2	2·3	1·4	1·4	1·0	1·6	1·0	1·9	1·6	1·5	2·5	2·8	2·0	2·3	4·0	6·4	**6·7**	2·6	1·7	1·1	1·7	1·1	2·9	58·5	66·9
Total Duration.	hr. 3·4	hr. 4·2	hr. 3·8	hr. 3·1	hr. 3·5	hr. **4·4**	hr. 3·1	hr. 1·8	hr. 2·4	hr. 1·6	hr. 2·4	hr. 4·0	hr. 3·3	hr. 3·3	hr. 2·4	hr. 2·7	hr. 2·8	hr. 3·4	hr. 2·0	hr. 0·7	hr. 1·6	hr. 2·6	hr. 1·6	hr. 2·8	hr. 66·9	

162. Eskdalemuir : H_r = 242·0 metres + 0·4 metres. **April, 1925.**

Day	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	0·2	0·7
2	...	...	...	...	...	...	·1	...	1·7	1·2	·8	1·7	3·3	...	·1	·2	·2	·1	...	...	...	...	...	...	9·4	7·5
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	·3	·4	·5	·3	·4	·4	·8	2·1	1·2	·4	...	...	·4	...	...	...	...	...	...	·2	7·4	9·3
6	...	·4	·9	1·1	·7	·1	...	...	...	...	...	·4	...	...	...	...	...	...	...	...	...	...	...	...	3·6	4·6
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	...	...	...	...	0·3	0·8
8	...	...	...	...	(·1)	(...)	...	...	...	...	·2	·4	...	...	...	...	...	...	...	...	...	...	...	...	0·7	1·3
9	·2	...	...	...	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	·4	3·0	...	...	·3	·2	...	...	4·2	2·4
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	(·1)	(...)	·3	2·9	3·5	·6	·8	...	...	...	...	...	...	...	·3	...	·6	...	·3	...	9·4	5·0
14	...	·3	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	...	·2	·3	·6	4·5	6·4	5·4
15	7·4	·1	...	·6	·7	·9	·6	·7	1·1	...	·4	...	·1	·3	...	...	·1	...	...	·4	·2	·2	2·2	2·5	18·5	10·2
16	3·8	2·5	2·9	·2	2·4	1·9	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14·1	5·1
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	·7	...	...	·3	1·4	1·1	1·9	5·7	4·7
18	·9	2·5	3·6	4·4	1·1	3·2	2·4	1·3	2·6	1·5	3·9	3·4	1·4	1·8	1·4	·6	·4	·3	·8	·4	·4	·1	...	...	38·4	**20·9**
19	...	·1	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	1·0
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	2·2	3·4	2·1	·9	·3	·1	...	...	...	·2	·2	·8	·8	1·1	1·6	3·6	7·2	5·8	5·3	6·5	4·7	·6	·1	**47·5**	17·4
23	·3	·2	...	·5	·1	·3	...	...	...	(·1)	...	...	...	·1	2·6	1·3	...	2·1	...	...	...	...	...	...	7·6	3·9
24	...	...	...	·2	...	...	...	...	·8	·5	·1	...	·4	·4	...	...	·2	·2	...	...	...	...	...	...	2·8	2·3
25	...	...	(...)	(...)	(·1)	(...)	(...)	...	...	...	·2	...	...	·5	...	...	...	...	...	...	...	...	...	...	0·8	0·3
26	...	...	...	...	...	...	...	...	...	...	...	...	...	(·2)	...	...	...	...	...	...	·2	...	...	...	0·4	0–4
27	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	·1	...	·4	...	...	1·6	1·0
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·8	...	...	...	1·8	0·5
29	...	...	...	...	...	·2	...	...	...	...	...	...	·3	...	...	·2	5·0	·5	...	...	...	...	...	...	6·2	2·4
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	1·6	·9	...	...	...	·2	·1	·1	3·6	3·7
Sum.	12·6	8·4	11·3	9·2	6·6	7·3	4·4	5·2	10·1	4·3	7·4	8·2	7·5	4·5	6·2	4·9	11·9	**15·2**	7·2	6·3	10·7	7·5	4·9	9·3	191·1	110·8
Total Duration.	hr. 3·8	hr. 5·1	hr. 4·8	hr. 5·3	hr. 5·1	hr. 5·1	hr. 5·4	hr. 3·4	hr. 5·0	hr. 4·5	hr. 5·2	hr. 5·1	hr. 4·7	hr. 4·2	hr. 2·7	hr. 3·6	hr. 5·3	hr. **6·8**	hr. 3·5	hr. 2·8	hr. 5·6	hr. 4·4	hr. 4·3	hr. 5·1	hr. 110·8	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

163. Eskdalemuir : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 242·0 metres + 0·4 metres. **May, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	·1	...	·5	...	·3	...	...	...	...	·7	...	...	...	...	...	...	...	...	1·6	1·8
2	...	...	...	...	...	...	...	...	...	...	...	...	·6	·4	·7	...	...	...	...	...	·1	...	·1	...	1·9	1·8
3	...	...	...	...	...	...	...	...	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·6
4	...	...	...	...	...	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	·1	2·3	3·3	·6	·4	...	...	6·8	4·0
5	...	...	...	...	...	·3	·8	1·6	1·2	·9	·8	·1	...	...	...	...	...	...	·2	...	...	...	...	...	5·9	5·7
6	...	...	...	...	...	·7	·2	1·5	·4	·7	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	3·8	4·0
7	(...)	(...)	(·1)	(...)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	2·2	·2	...	...	...	...	2·5	1·3
8	...	...	...	...	...	...	...	...	...	...	3·4	...	...	...	·8	·1	·8	·3	1·5	·6	·1	...	...	...	7·6	5·4
9	...	...	...	...	...	...	...	...	...	...	...	·1	...	1·0	1·9	...	...	...	...	...	...	...	...	...	3·0	1·7
10	...	...	...	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
11	...	...	...	...	·3	1·1	·4	·6	2·6	2·6	3·7	3·0	1·8	·4	·1	...	...	...	...	...	...	...	...	...	16·6	9·4
12	...	...	...	...	...	...	...	...	...	...	...	...	·2	·6	·7	3·7	3·3	1·4	·3	...	...	·5	·1	...	10·8	6·0
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	1·0	·5	1·9	2·5
14	2·3	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·9	1·7
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
17	...	·4	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	0·7	2·4
18	...	...	...	...	...	...	...	...	...	...	5·2	...	...	·3	...	·5	...	...	...	...	...	...	...	...	6·0	1·7
19	...	...	...	...	...	...	...	...	...	...	...	1·0	1·1	...	...	...	...	...	...	...	...	...	...	...	2·1	1·0
20	...	...	...	...	...	...	...	...	...	...	...	...	...	2·2	2·0	...	...	...	...	...	...	...	...	...	4·2	1·7
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	·1	·4	·9	·4	...	·3	...	...	...	...	...	...	·3	2·4	3·9
24	1·8	·1	·4	...	...	...	·1	·2	...	...	...	1·2	·8	·8	1·6	·5	1·0	·8	·9	1·3	1·0	2·5	1·6	·2	16·8	14·6
25	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	(...)	...	...	0·6	1·0
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	1·0	·9	1·7	1·3	5·2	5·7
27	·9	·8	3·3	5·1	4·7	4·0	4·1	6·7	2·6	3·4	4·0	2·4	·1	·1	...	...	...	...	...	...	...	...	...	...	**42·2**	11·8
28	...	1·9	1·5	·1	·4	1·8	3·4	1·7	3·6	·1	·8	...	1·0	·8	...	...	...	...	·6	2·5	·6	5·4	1·7	1·3	29·2	12·7
29	·7	·1	1·4	1·3	·5	·5	2·6	·3	·7	1·1	2·4	·2	1·7	...	·1	...	...	·8	1·7	4·6	5·0	4·9	2·6	2·9	36·2	**17·8**
30	2·9	...	...	...	·6	·2	...	...	...	...	...	...	...	...	2·9	...	·3	·1	...	·8	2·0	·3	1·6	·1	11·8	5·2
31	...	...	·2	...	·2	·1	...	...	...	...	·1	1·0	3·4	5·6	·5	·1	...	2·0	...	...	...	...	...	...	13·2	4·7
Sum	9·1	3·9	7·0	6·6	6·7	9·0	11·7	12·6	11·7	8·9	**20·7**	9·1	11·1	13·1	11·7	5·9	5·7	5·7	9·8	13·5	10·5	15·3	10·4	6·6	236·3	130·1
Total Duration.	hr. 5·9	hr. 3·7	hr. 4·8	hr. 2·1	hr. 3·8	hr. 5·2	hr. 5·7	hr. 6·5	hr. 7·1	hr. 5·2	hr. 5·9	hr. 5·4	hr. 6·3	hr. 6·6	hr. 6·8	hr. 3·5	hr. 3·8	hr. 4·4	hr. **7·4**	hr. 6·2	hr. 6·4	hr. 5·9	hr. 6·2	hr. 5·3	hr. 130·1	

164. Eskdalemuir : H_r = 242·0 metres + 0·4 metres. **June, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	·4	...	...	...	...	...	·2	1·6	3·2	·6	·5	·3	2·3	3·7	2·2	2·0	...	...	...	...	...	·1	**17·1**	**6·3**
2	...	...	...	...	...	...	·1	...	·2	·5	·2	1·8	...	...	...	...	...	...	...	...	...	...	...	...	2·8	0·9
3	...	...	...	...	...	...	...	...	...	...	...	2·5	1·1	1·2	·5	·2	...	...	...	...	...	...	...	·2	5·7	4·6
4	·2	·1	·1	...	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	3·9
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	·6	·4	·3	·1	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·6	3·1
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	0·1	0·2
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	0·1	0·8
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	·1	·3	1·0	·4	·2	...	2·2	4·2
Sum.	0·2	0·7	0·9	0·3	0·2	0·1	0·5	0·0	0·4	2·1	3·4	**4·9**	1·6	1·5	2·8	3·9	2·2	2·0	0·1	0·3	1·1	0·4	0·3	0·3	30·2	24·0
Total Duration.	hr. 0·5	hr. 1·8	hr. **2·0**	hr. 0·5	hr. 1·0	hr. 0·7	hr. 1·6	hr. 0·0	hr. 1·0	hr. 1·2	hr. 0·8	hr. 1·3	hr. 1·3	hr. 1·3	hr. 1·5	hr. 0·8	hr. 0·5	hr. 0·6	hr. 0·3	hr. 1·0	hr. 1·2	hr. 0·9	hr. 1·4	hr. 0·8	hr. 24·0	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

165. Eskdalemuir : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 242·0 metres + 0·4 metres. **July, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	0·5
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·3	·3	·1	...	...	0·9	3·5
7	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·9
8	...	...	...	...	...	·7	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	1·2
9	...	...	...	...	...	...	...	·5	...	·1	...	...	...	...	...	...	...	·4	·4	·4	...	·5	·8	·2	3·3	5·8
10	·2	·3	·4	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	3·3
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	·2	...	1·0	...	·1	·6	·5	...	...	...	·1	·7	...	...	...	...	...	...	...	...	...	...	...	3·2	4·0
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·1	·3	·1	...	...	...	...	...	...	1·0	3·1
17	·1	·1	·2	·2	·4	·5	·4	·3	·3	...	...	...	...	·2	1·1	·1	...	...	...	...	...	...	...	...	3·9	8·8
18	...	...	...	...	...	...	1·0	·2	...	...	...	...	...	...	...	...	·5	...	...	...	...	...	...	...	1·7	1·1
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	0·2	0·2
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	1·0	1·3	...	...	...	...	...	...	...	...	...	...	...	2·3	1·2
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·4	3·4	1·0
26	3·0	1·5	1·5	1·3	2·1	2·0	2·4	·8	1·0	...	...	...	...	...	...	10·8	4·4	2·9	2·2	1·0	...	...	...	...	**36·9**	**13·5**
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	0·2	0·5
29	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	1·9	·3	·4	...	...	1·3	·1	...	...	...	4·4	2·4
30	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·1
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	3·4	2·1	2·3	2·6	2·5	3·3	4·5	2·3	1·3	0·1	0·0	1·3	2·0	0·8	3·7	**11·3**	5·6	3·4	2·8	3·0	0·4	0·6	0·8	3·6	63·7	51·1
Total Duration	hr. 2·8	hr. 2·5	hr. 3·2	hr. 3·3	hr. 2·0	hr. 3·3	hr. **4·2**	hr. 3·2	hr. 1·7	hr. 0·2	hr. 0·0	hr. 0·7	hr. 1·4	hr. 1·1	hr. 2·2	hr. 2·2	hr. 2·4	hr. 2·7	hr. 3·0	hr. 3·8	hr. 1·4	hr. 1·2	hr. 1·0	hr. 1·6	hr. 51·1	

166. Eskdalemuir : H_r = 242·0 metres + 0·4 metres. **August, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·6	1·4	·8	·2	...	...	...	4·0	2·7
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	·2	·1	...	...	...	...	1·4	2·0
3	...	...	...	...	...	...	...	...	...	...	1·1	·3	·1	·5	·6	·4	·1	...	·3	·4	...	·2	...	...	4·0	5·3
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	·1	·1	...	·2	·4	·4	1·4	3·7
6	·4	·1	·8	1·4	·9	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·7	4·6
7	...	...	...	...	...	...	...	...	...	...	...	·1	·7	·2	·5	2·1	2·2	1·5	6·8	1·4	·1	...	·1	·4	16·1	7·6
8	1·9	1·1	·2	...	...	...	...	...	...	...	·5	·1	...	...	...	...	...	...	...	...	...	...	...	...	3·8	3·1
9	·3	·6	1·3	4·1	3·8	4·5	4·1	1·4	·4	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	20·8	8·3
10	3·1	6·0	·4	·4	·1	1·8	·1	...	·1	...	...	2·6	...	·4	...	...	3·2	3·8	1·8	...	...	...	...	...	23·8	5·6
11	...	...	...	...	...	...	...	...	...	...	...	·5	...	...	...	...	...	...	...	...	...	...	...	·1	0·6	0·7
12	·1	·7	·8	1·0	1·2	1·1	2·3	7·5	5·5	5·8	3·2	1·4	·9	·6	·2	·1	·1	·1	·4	6·7	·6	·1	·7	·2	**41·3**	**17·4**
13	·4	·4	·2	·1	·3	2·5	·6	·7	...	...	·2	...	...	1·9	·5	2·1	...	...	...	...	...	2·0	·9	·1	12·9	9·8
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	0·2	0·7
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	...	0·3	0·2
20	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	·5	...	...	...	...	...	...	0·6	1·1
21	...	·1	·1	·5	·1	...	...	...	...	1·2	·2	...	...	...	·3	...	·9	...	...	·2	·1	...	·3	1·4	5·4	4·0
22	·5	·2	·1	...	·3	...	·1	...	...	...	...	...	...	...	·9	·4	·1	...	...	...	·2	·6	...	...	3·4	6·0
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·6	...	...	·7	...	...	...	...	1·4	1·6
24	...	...	...	...	...	...	...	...	...	...	...	...	·2	1·0	...	...	...	...	·2	·1	...	...	...	...	1·5	2·3
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	(·5)	·8	1·1	·4	·7	·8	·4	2·8	...	...	...	...	...	...	...	7·5	5·8
27	·1	1·0	·1	...	...	...	...	...	·5	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	1·9	2·3
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·4	·2	1·2	·8	·2	...	...	2·9	2·8
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	·2	·3	...	·4	·3	·2	·4	·4	·1	...	...	...	2·3	6·2
31	...	...	...	·1	·1	·2	...	...	·7	·8	·5	·2	·2	...	·7	·2	·4	·7	...	...	...	...	...	...	4·8	7·3
Sum.	6·8	10·2	4·0	7·6	6·8	10·2	7·2	9·7	7·2	8·3	6·8	6·5	2·7	5·6	4·5	6·2	11·0	9·9	11·8	**12·4**	2·3	3·3	2·4	2·6	166·0	111·1
Total Duration.	hr. 5·1	hr. 5·3	hr. 6·5	hr. 5·1	hr. 4·8	hr. 4·7	hr. 3·5	hr. 2·8	hr. 3·6	hr. 2·6	hr. 5·0	hr. 4·3	hr. 3·5	hr. 5·0	hr. 4·3	hr. 5·2	hr. 7·1	hr. 5·3	hr. 6·0	hr. **7·5**	hr. 4·6	hr. 2·4	hr. 2·7	hr. 4·2	hr. 111·1	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

167. Eskdalemuir : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 242·0 metres + 0·4 metres. **September, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0·24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	(...)	...	...	...	...	...	...	...	...	0·1	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	1·2	...	...	...	·4	·6	·3	...	...	...	2·7	2·8
3	·7	·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	1·6
4	...	...	...	...	...	·6	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·9	0·9
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	...	...	...	...	·4	...	...	...	...	0·6	1·7
8	...	...	...	...	...	·1	...	...	...	...	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·3
9	...	...	...	...	...	...	...	·7	...	·6	4·4	·1	...	·3	...	...	...	·2	3·2	1·0	·8	4·8	5·4	·8	**22·3**	7·8
10	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	...	1·3	·1	...	2·1	2·3
11	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	...	...	·1	...	...	...	...	...	...	...	·8	0·8
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	·3	...	·6	·1	·1	·2	·2	·1	·1	...	...	...	...	...	·4	...	...	...	...	2·1	5·7
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	1·0	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·3	0·9
17	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	·1	·5	·1	·1	...	...	·2	1·5	·5	3·3	4·5
18	·1	·4	·2	·3	...	...	...	...	...	...	...	...	(·1)	(...)	...	...	...	...	...	...	·2	...	...	...	1·3	2·8
19	2·9	·2	2·0	·1	...	...	...	...	...	...	...	...	...	...	...	...	·9	1·9	1·5	·2	...	...	...	...	9·7	6·2
20	...	·4	1·6	2·4	1·4	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	·1	·6	6·7	4·2
21	·1	2·2	1·7	...	·4	·9	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·5	2·8
22	...	...	...	...	...	1·8	2·7	1·4	1·6	·3	2·1	1·2	...	...	...	...	...	·4	1·2	1·4	·6	2·2	·4	·2	17·5	**12·5**
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·3	...	...	...	0·5	0·9
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	0·2	0·2
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·9	2·2	2·2	2·6	1·0	·2	·1	9·4	8·0
26	...	...	...	...	...	·1	...	·1	·1	·1	·4	·4	...	...	...	...	...	...	...	...	...	...	...	...	1·2	3·2
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	·1	...	·2	·3	·3	...	...	...	...	...	·1	·1	...	·3	·4	·1	·1	·1	·2	...	...	...	2·3	6·2
29	...	...	...	...	...	·7	·5	·8	·5	...	·8	·5	...	...	...	...	...	...	...	...	...	...	...	...	3·8	5·2
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum	4·0	4·0	6·6	3·1	2·0	4·8	4·0	3·6	2·3	1·2	8·0	2·5	0·4	1·6	1·5	0·4	2·1	3·6	8·9	7·0	5·0	**9·5**	7·7	2·2	96·0	81·5
Total Duration.	hr. 2·8	hr. 2·8	hr. 4·3	hr. 2·3	hr. 1·4	hr. 5·0	hr. 3·0	hr. 4·0	hr. 3·6	hr. 2·0	hr. 3·7	hr. 3·7	hr. 1·8	hr. 2·6	hr. 1·3	hr. 1·0	hr. 3·7	hr. 4·1	hr. 5·5	hr. **6·9**	hr. 4·0	hr. 4·2	hr. 4·9	hr. 3·2	hr. 81·5	

168. Eskdalemuir : H_r = 242·0 metres + 0·4 metres. **October, 1925.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	·1	·2	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·2	0·8	3·2
4	...	...	·2	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	2·0
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	·1	·1	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	1·9
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·9
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	·4	·3	...	...	...	...	...	...	...	...	...	...	...	·5	·8	·8	·5	·7	·6	4·6	7·0
13	·3	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	1·1
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	(...)	...	...	...	...	...	...	0·1	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	·8	1·7	2·5	1·4	2·6	3·4	1·0	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13·6	7·3
18	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·8
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	·4	·2	·1	...	·2	1·4	1·9	·2	1·5	...	...	...	1·7	1·2	1·7	2·4	1·9	1·4	·4	·2	·2	1·2	·1	·1	18·4	**17·9**
21	·1	·2	·1	1·6	·8	...	·3	·1	·2	·1	...	...	...	...	...	...	...	·3	·6	1·2	...	...	·1	...	5·8	9·0
22	...	...	...	...	·2	1·3	1·5	4·4	·4	·8	4·4	·7	·7	...	·7	·6	·3	·2	...	...	...	·5	1·0	1·1	18·8	9·6
23	·2	·8	·2	·8	...	2·0	·8	·9	1·1	·8	...	...	...	...	·2	5·6	1·2	·9	·1	...	...	...	...	...	15·6	9·1
24	...	...	·1	·4	...	...	·2	...	...	...	·8	...	...	·4	·6	·8	...	...	...	...	...	...	...	...	3·3	2·7
25	...	...	...	...	·4	...	...	·1	...	...	...	·1	·1	·1	...	...	...	...	...	...	...	...	...	...	0·8	1·2
26	·2	...	1·8	1·5	2·2	2·2	1·3	·4	...	...	·9	2·5	1·7	5·1	3·0	·1	...	...	...	...	...	...	1·3	·8	**25·0**	10·8
27	...	·1	...	...	·5	5·8	·3	...	...	1·8	4·6	2·4	2·0	·1	1·8	·6	·1	·4	...	...	...	...	...	...	20·5	7·7
28	...	...	...	...	...	·2	·1	·1	...	...	...	...	...	...	...	...	...	·2	1·1	·5	2·0	2·5	4·4	2·2	13·3	8·1
29	·5	·6	2·0	·6	...	...	...	...	...	...	...	...	·3	1·2	2·7	2·4	2·6	1·3	·3	...	·2	2·3	1·0	·4	18·4	12–5
30	·6	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	0·7	1·2
31	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·3	·8	1·8	...	...	...	...	...	...	...	3·0	3·2
Sum.	2·3	1·9	5·5	7·0	7·2	**14·9**	9·5	9·7	4·3	3·9	10·7	5·8	6·5	8·2	11·0	13·3	8·0	4·7	3·0	2·7	3·2	7·0	8·8	5·4	164·5	117·2
Total Duration.	hr. 4·3	hr. 3·4	hr. 5·8	hr. 6·2	hr. 6·1	hr. 7·2	hr. **8·7**	hr. 7·0	hr. 5·1	hr. 3·0	hr. 3·0	hr. 3·3	hr. 3·6	hr. 3·9	hr. 5·2	hr. 5·6	hr. 4·4	hr. 4·4	hr. 3·6	hr. 3·6	hr. 3·2	hr. 4·4	hr. 6·2	hr. 6·0	hr. 117·2	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

169. Eskdalemuir : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height receiving surface above ground) = 242·0 metres + 0·4 metres. **November, 1925.**

Day	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·6	·8	·3	·8	2·7	3·6
2	·5	1·5	2·8	·9	·5	...	1·4	·1	...	·2	·2	·8	2·5	...	·1	·1	...	...	...	...	...	...	...	...	**11·6**	7·9
3	·7	·4	·5	1·3	1·5	·2	·2	·2	·1	·1	...	...	...	·4	...	·1	·8	·3	...	...	...	...	·6	1·7	9·1	**11·3**
4	1·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·3	·4	·4	2·0	·7	...	...	5·9	5·3
5	...	...	...	...	...	...	...	...	...	·1	·8	...	...	...	...	...	...	...	...	...	...	...	...	...	0·9	0·8
6	...	...	...	·2	...	·1	...	...	...	...	...	...	...	...	...	...	...	·3	1·0	·1	·6	...	...	...	2·3	3·2
7	...	...	...	...	...	...	...	...	...	·2	·1	·7	·4	·5	·4	·1	...	...	...	...	...	...	...	...	2·4	5·1
8	...	...	...	·5	1·5	1·2	...	...	·5	...	...	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	3·8	2·6
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(≡:)	(·1)	(≡:)	(≡:)	(≡:)	(≡:)	0·1	...
22	(≡:)	(≡:)	(≡:)	(·1)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	...	...	...	...	...	...	(≡:)	(·1)	(≡:)	...	...	...	...	...	...	0·2	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·1	·2	...	...	...	...	...	...	...	...	...	0·5	4·0
25	...	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	0·4
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	1·6	2·2	·6	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·9	2·9
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	·4	1·7	·6	...	·6	·2	...	·1	...	...	...	...	...	3·6	3·8
30	...	...	...	...	...	...	...	·5	...	...	...	1·4	...	·6	·6	·2	...	...	...	...	...	...	...	...	3·3	2·7
Sum.	2·3	4·1	**5·5**	3·6	4·0	1·5	1·6	0·8	0·6	0·6	1·1	3·5	4·7	2·2	1·3	1·1	1·1	1·9	1·5	0·8	3·2	1·5	0·9	2·5	51·9	53·6
Total Duration.	hr. 1·7	hr. 2·7	hr. 2·6	hr. 3·7	hr. 3·2	hr. 1·9	hr. 1·2	hr. 1·4	hr. 0·9	hr. 1·4	hr. 1·5	hr. 3·9	hr. 4·0	hr. **4·2**	hr. 2·5	hr. 2·6	hr. 1·4	hr. 2·0	hr. 1·7	hr. 1·6	hr. 2·7	hr. 1·8	hr. 1·0	hr. 2·0	hr. 53·6	

170. Eskdalemuir : H_r = 242·0 metres + 0·4 metres. **December, 1925.**

Day	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	...	·8	·4	·9	·3	3·5	3·8
7	·4	·8	·4	1·5	·5	·1	...	·2	·2	·2	1·0	2·7	·9	2·4	1·4	1·2	·3	·4	·2	...	...	...	...	...	14·8	11·6
8	...	·4	...	...	...	·1	·7	·4	·1	1·7	2·0	1·4	1·3	2·5	2·8	1·5	...	·3	·1	...	...	...	...	...	15·3	9·3
9	·3	·4	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·9	1·7
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	·5	...	1·3	1·2	·2	...	...	...	...	...	...	...	...	...	...	...	3·2	3·3
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	0·1	0·9
17	...	...	...	...	...	·3	·2	...	·2	·1	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	0·9	2·6
18	...	·1	·1	...	...	...	...	...	...	...	...	...	...	·1	...	1·0	·6	·3	1·1	·3	1·6	1·6	1·6	1·6	10·0	8·6
19	1·6	1·5	...	...	...	·6	·2	·4	·4	·5	·4	...	...	·1	...	...	...	·1	...	...	...	...	...	·2	6·0	7·1
20	·7	·5	·3	·5	·3	·3	·1	·2	·3	·2	·1	·2	·4	·2	·1	·1	·1	·2	·2	·1	·2	·2	·2	·2	5·9	**21·9**
21	·1	·2	...	·1	·1	·1	·3	...	...	...	...	...	...	...	...	...	·2	1·1	·8	·8	·9	·7	·5	·5	6·4	11·2
22	·4	·3	·1	·5	·5	·3	·7	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·8	7·4
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	1·0	0·7
24	1·0	·2	...	...	·1	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	3·0
25	...	1·1	·9	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·2	1·7
26	...	·1	1·1	·1	1·7	1·4	·1	·3	...	...	(·1)	(·2)	...	...	...	...	...	...	...	...	3·6	·9	...	...	9·6	6·6
27	...	...	...	...	...	...	·1	...	1·3	...	...	...	...	...	...	...	·5	1·5	...	...	...	...	...	·4	3·8	3·1
28	·8	·5	·4	...	·1	·9	...	...	·2	·1	...	...	...	...	·1	·4	·9	·3	·6	2·1	1·7	·6	...	...	9·7	11·2
29	...	...	...	1·0	1·0	2·0	1·9	2·5	3·7	·6	...	...	...	...	...	...	2·1	1·7	1·9	2·6	1·2	...	...	·1	**22·3**	10·5
30	·1	...	...	...	...	...	...	·1	1·1	4·2	3·2	·6	...	...	·8	1·1	1·4	...	·1	4·1	2·4	·1	1·1	·4	20·8	9·4
31	...	...	...	·3	...	...	·1	...	...	...	...	...	...	1·0	2·4	·6	·3	...	...	...	...	...	...	...	4·7	4·2
Sum.	5·4	6·1	3·5	4·2	4·3	6·1	4·5	5·1	8·0	7·6	8·2	6·3	2·8	6·3	7·6	5·9	6·4	5·9	6·2	10·0	**12·4**	4·5	4·3	4·7	146·3	139·8
Total Duration.	hr. 7·3	hr. 7·5	hr. 5·1	hr. 5·8	hr. 5·2	hr. 6·9	hr. 7·8	hr. 5·2	hr. 6·4	hr. 4·5	hr. 4·8	hr. 4·9	hr. 3·6	hr. 4·6	hr. 4·1	hr. 5·7	hr. 6·5	hr. 6·2	hr. **8·2**	hr. 5·5	hr. 7·6	hr. 5·9	hr. 4·4	hr. 6·1	hr. 139·8	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

For periods of sixty minutes, between the exact hours of Local Apparent Time.

171. Eskdalemuir : h_s (height of recorder above ground) = 1·5 metres. **January, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time. G.M.T.	Intensity.	p/p_0 sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
2	—	—	—	—	—	...	...	...	...	·1	...	·1	...	—	—	—	—	—	·2	3	...	...	...	...
3	—	—	—	—	—	...	...	...	...	·1	...	·1	...	—	—	—	—	—	·2	3	...	...	...	...
4	—	—	—	—	—	...	...	·2	...	...	...	...	...	—	—	—	—	—	·2	3	...	...	...	...
5	—	—	—	—	—	...	·2	·2	·1	...	...	...	...	—	—	—	—	—	·5	7	...	...	...	...
6	—	—	—	—	—	·5	1·0	1·0	1·0	1·0	·4	·1	...	—	—	—	—	—	5·0	69	...	...	...	...
7	—	—	—	—	—	...	...	...	...	·3	...	...	...	—	—	—	—	—	·3	4	...	...	...	...
8	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
9	—	—	—	—	—	·5	1·0	1·0	1·0	1·0	1·0	·5	...	—	—	—	—	—	**6·0**	**81**	12 15	63	4·57	clear
10	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
11	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
12	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
13	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
14	—	—	—	—	—	...	·3	1·0	1·0	·2	...	...	...	—	—	—	—	—	2·5	33	...	...	...	...
15	—	—	—	—	—	...	·9	·5	...	...	·2	...	...	—	—	—	—	—	1·6	21	...	...	...	...
16	—	—	—	—	—	...	·6	·4	...	...	...	...	...	—	—	—	—	—	1·0	13	...	...	...	...
17	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
18	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
19	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
20	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
21	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
22	—	—	—	—	—	...	·8	1·0	1·0	1·0	·4	...	...	—	—	—	—	—	4·2	53	...	...	...	...
23	—	—	—	—	—	...	·6	...	...	...	...	...	...	—	—	—	—	—	·6	7	...	...	...	...
24	—	—	—	—	...	...	...	·2	·2	·9	·6	·1	...	...	—	—	—	—	2·0	25	11 30	55	3·96	A-Cu.
25	—	—	—	—	...	...	...	·2	·1	...	...	...	...	...	—	—	—	—	·3	4	...	...	...	...
26	—	—	—	—	...	...	·1	...	·2	...	...	·1	...	...	—	—	—	—	·4	5	...	...	...	...
27	—	—	—	—	...	...	·4	·6	·6	...	...	...	...	...	—	—	—	—	1·6	19	...	...	...	...
28	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
29	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
30	—	—	—	—	...	...	·1	...	...	...	...	...	...	...	—	—	—	—	·1	1	...	...	...	...
31	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
Sum.	—	—	—	—	...	1·0	6·0	**6·3**	5·2	4·6	2·6	1·0	...	...	—	—	—	—	26·7	—	—	—	—	—
Mean	—	—	—	—	...	·03	·19	**·20**	·17	·15	·08	·03	...	...	—	—	—	—	·86	11	—	—	—	—

172. Eskdalemuir : $h_s = 1·5$ metres. **February, 1925,**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time. G.M.T.	Intensity.	p/p_0 sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	—	—	...	·3	·4	1·0	·7	·1	·4	·5	·1	...	—	—	—	—	3·5	41	...	...	...	...
2	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
3	—	—	—	—	...	...	·1	·5	...	...	...	...	...	...	—	—	—	—	·6	7	...	...	...	...
4	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
5	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
6	—	—	—	—	...	·4	·9	·5	·3	·5	...	...	...	...	—	—	—	—	2·6	29	...	...	...	...
7	—	—	—	—	·4	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	...	—	—	—	—	**7·2**	**80**	...	...	...	...
8	—	—	—	—	...	·1	...	...	...	...	...	...	...	...	—	—	—	—	·1	1	...	...	...	...
9	—	—	—	—	...	...	·1	...	...	...	...	...	...	...	—	—	—	—	·1	1	...	...	...	...
10	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
11	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
12	—	—	—	—	...	...	·7	·3	·3	·9	·5	·8	·3	...	—	—	—	—	3·8	41	...	...	...	...
13	—	—	—	—	...	...	...	...	...	·3	·3	·8	·2	·1	—	—	—	—	1·7	18	...	...	...	...
14	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
15	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
16	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
17	—	—	—	—	...	...	...	·1	...	·7	·9	1·0	·3	...	—	—	—	—	3·0	31	...	...	...	...
18	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
19	—	—	—	—	·3	1·0	1·0	1·0	1·0	·8	1·0	·7	...	...	—	—	—	—	6·8	67	...	...	...	...
20	—	—	—	—	...	·8	·4	·4	·4	·5	·5	·1	...	...	—	—	—	—	3·1	31	12 36	74	2·45	A-Cu.
21	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
22	—	—	—	...	...	·6	...	...	...	...	...	...	...	...	...	—	—	—	·6	6	...	...	...	...
23	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
24	—	—	—	...	·1	·2	...	...	·2	·3	...	...	...	...	...	—	—	—	·8	8	...	...	...	...
25	—	—	—	...	...	·4	1·0	·9	·6	1·0	·9	·4	...	...	...	—	—	—	5·2	53	...	...	...	...
26	—	—	—	...	...	...	...	...	...	...	·2	...	...	...	...	—	—	—	·2	2	...	...	...	...
27	—	—	—	...	...	...	...	...	·2	...	·2	·5	·7	...	...	—	—	—	1·6	15	...	...	...	...
28	—	—	—	...	...	...	...	...	·3	·8	...	...	...	...	...	—	—	—	1·1	10	...	...	...	...
Sum	—	—	—	...	·8	4·8	5·6	5·7	5·0	**6·9**	5·9	5·6	1·6	·1	...	—	—	—	42·0	1	—	—	—	—
Mean	—	—	—	...	·03	·17	·20	·20	·18	**·25**	·21	·20	·06	...	...	—	—	—	1·50	16	—	—	—	—
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time. G.M.T.	Inten sity.	$p/p°$ sec. Z.	Sky.
																					Radiation by Ångström Pyrheliometer.			

For periods of sixty minutes, between the exact hours of Local Apparent Time.

173. Eskdalemuir : h_s (height of recorder above ground) = 1·5 metres. **March, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time G.M.T.	Intensity.	p/p_0 sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
2	—	—	—	...	·4	1·0	1·0	·7	·6	·3	·4	·5	·5	·2	...	—	—	—	5·6	52	...	...	...	...
3	—	—	—	...	...	·5	·2	·1	·2	·2	...	...	...	...	...	—	—	—	1·2	11	...	...	...	...
4	—	—	—	...	·6	1·0	1·0	·8	1·0	·9	1·0	·8	...	...	...	—	—	—	7·1	65	...	...	...	...
5	—	—	—	...	...	...	...	...	...	...	·6	·1	...	...	...	—	—	—	·7	6	...	...	...	...
6	—	—	—	...	...	...	...	...	...	...	·1	...	·6	...	...	—	—	—	·7	6	...	...	...	...
7	—	—	—	...	·1	·6	·9	1·0	·5	·3	·9	1·0	·9	·1	...	—	—	—	6·3	57	...	...	...	...
8	—	—	—	...	·3	...	·3	1·0	1·0	1·0	·9	1·0	·2	...	...	—	—	—	5·7	51	...	...	...	...
9	—	—	—	...	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·6	·8	...	—	—	—	**9·3**	**83**	...	...	...	...
10	—	—	—	...	...	·6	...	...	...	...	...	...	...	...	...	—	—	—	·6	5	...	...	...	...
11	—	—	—	...	...	...	...	·1	·6	·7	·2	·4	·1	·6	...	—	—	—	2·7	24	...	...	...	...
12	—	—	—	...	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	...	—	—	—	8·7	76	...	...	...	...
13	—	—	—	...	...	...	...	...	...	...	·3	·2	...	...	...	—	—	—	·5	4	...	...	...	...
14	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
15	—	—	—	...	·1	·8	·5	·7	·9	...	...	·1	·3	·9	...	—	—	—	4·3	37	...	...	...	...
16	—	—	—	...	...	...	·1	·1	...	...	..	...	·1	...	...	—	—	—	·3	3	...	...	...	...
17	—	—	—	...	...	...	...	...	...	·4	·1	·2	·2	...	...	—	—	—	·9	8	...	...	...	...
18	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
19	—	—	—	...	·1	·1	·3	1·0	·5	·8	...	·5	...	·1	...	—	—	—	3·4	28	...	...	...	...
20	—	—	—	...	...	...	...	...	...	·1	·2	·6	...	...	...	—	—	—	·9	7	...	...	...	...
21	—	—	...	·4	1·0	1·0	1·0	1·0	1·0	1·0	·5	·2	·9	...	...	...	—	—	8·0	66	12 20	80	1·73	Cu.
22	—	—	...	·3	·3	·7	1·0	1·0	1·0	1·0	1·0	1·0	·4	...	...	...	—	—	7·7	63	...	...	...	...
23	—	—	...	...	·2	...	...	...	...	·5	·6	·9	·4	·1	...	...	—	—	2·7	22	...	...	...	...
24	—	—	...	...	·1	·7	·9	·7	·9	·9	1·0	·7	·5	·2	...	...	—	—	6·6	53	...	...	...	...
25	—	—	...	...	·1	·8	·8	·8	·7	·6	·4	...	·6	·1	...	...	—	—	4·9	39	...	...	...	...
26	—	—	...	·5	·6	·5	·2	·5	·4	·3	...	...	·2	...	...	...	—	—	3·2	25	...	...	...	...
27	—	—	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	·5	...	...	—	—	9·1	72	...	...	...	...
28	—	—	...	...	·7	1·0	1·0	1·0	1·0	·9	1·0	1·0	1·0	·3	...	...	—	—	8·9	70	...	...	...	...
29	—	—	...	...	...	...	...	...	...	...	·5	·1	...	...	...	...	—	—	·6	5	...	...	...	...
30	—	—	...	...	...	...	...	·2	·7	·7	·5	·1	...	...	...	...	—	—	2·2	17	...	...	...	...
31	—	·	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
Sum.	—	—	...	1·4	7·4	12·3	12·2	13·7	**14·0**	13·6	13·2	12·4	8·7	3·9	...	...	—	—	112·8	—	—	—	—	—
Mean.	—	—	...	·05	·24	·40	·39	·44	**·45**	·44	·43	·40	·28	·13	...	...	—	—	3·64	31	—	—	—	—

174. Eskdalemuir : h_s = 1·5 metres. **April, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T.	Intensity.	p/p_0 sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	...	·8	·9	1·0	·8	1·0	1·0	·9	·2	·2	...	...	...	...	—	—	6·8	52	...	...	...	...
2	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
3	—	—	...	...	·1	·2	...	·1	...	·5	·5	·5	·5	·9	·9	...	—	—	4·2	32	...	...	...	...
4	—	—	...	...	...	·4	...	·2	·8	·1	1·0	1·0	·5	...	...	...	—	—	4·0	30	...	...	...	...
5	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
6	—	—	...	...	...	...	...	...	...	...	...	...	·3	...	·4	...	—	—	·7	5	...	...	...	...
7	—	—	...	...	...	·3	·1	·7	1·0	1·0	·3	...	...	...	...	...	—	—	3·4	25	...	...	...	...
8	—	—	...	...	...	...	...	...	...	...	...	...	·6	1·0	·3	...	—	—	1·9	14	...	...	...	...
9	—	—	...	...	...	·7	·9	·5	·1	...	·1	·1	·1	...	...	...	—	—	2·5	18	...	...	...	...
10	—	—	...	...	...	...	...	...	...	·6	·5	1·0	·9	1·0	...	...	—	—	4·0	29	...	...	...	...
11	—	—	...	...	...	...	...	...	...	...	...	...	...	·8	...	...	—	—	·8	6	...	...	...	...
12	—	—	...	·3	1·0	1·0	1·0	1·0	1·0	·9	·9	·9	1·0	1·0	·8	...	—	—	10·8	**78**	...	...	...	...
13	—	—	...	...	...	...	...	·2	·8	·8	·6	·8	·9	·1	·1	...	—	—	4·3	31	...	...	...	...
14	—	—	...	·3	·5	·4	·1	·1	·6	·6	·5	·1	...	...	...	...	—	—	3·2	23	...	...	...	...
15	—	—	...	...	...	...	...	·7	·9	1·0	·8	·9	·5	·1	·1	...	—	—	5·0	36	...	...	...	...
16	—	...	...	...	...	·8	1·0	1·0	1·0	·9	·8	·8	·8	·8	·6	·1	...	—	8·6	61	...	...	...	...
17	—	...	...	...	·1	1·0	·9	·2	·3	·3	·3	...	...	...	...	...	...	—	3·1	22	...	...	...	...
18	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
19	—	...	·4	1·0	1·0	·9	·9	1·0	·5	...	·4	·3	·6	·8	1·0	·4	...	—	9·2	64	...	...	...	...
20	—	...	...	·4	1·0	1·0	1·0	·6	1·0	1·0	1·0	·9	1·0	1·0	1·0	·1	...	—	**11·0**	76	...	...	...	...
21	—	...	...	·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	...	...	—	9·7	67	...	...	...	...
22	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
23	—	...	·1	1·0	1·0	·9	·7	·8	·8	·5	·5	·5	·6	·3	·1	·6	...	—	8·4	57	...	...	...	...
24	—	...	...	...	...	·2	·1	·4	·4	·6	·7	·9	·5	·8	·9	·5	...	—	6·0	41	...	...	...	...
25	—	...	...	·1	·3	·1	·3	·5	·9	·8	9	·5	·9	·4	·8	...	...	—	6·5	44	...	...	...	...
26	—	...	·6	·5	·8	1·0	1·0	1·0	·2	...	·4	·8	·3	·7	·4	·2	...	—	7·9	53	...	...	...	...
27	—	...	·3	·5	·8	·4	·4	·5	...	·1	...	...	·1	·3	·2	·5	...	—	4·1	27	...	...	...	...
28	—	...	...	...	·7	·3	1·0	·9	·4	·9	·9	·2	·6	·9	·7	...	...	—	7·5	50	...	...	...	...
29	—	...	...	·1	·4	1·0	·6	·6	·4	·2	·5	·6	...	·4	·7	...	...	—	5·5	37	...	...	...	...
30	—	...	...	·3	1·0	1·0	1·0	1·0	·4	...	...	...	...	...	...	...	...	—	4·7	31	...	...	...	...
Sum.	—	...	1·4	5·7	10·6	13·6	12·8	**14·0**	13·5	12·7	12·8	12·0	11·7	11·6	9·0	2·4	...	—	143·8	—	—	—	—	—
Mean.	—	...	·05	·19	·35	·45	·43	**·47**	·45	·42	·43	·40	·39	·39	·30	·08	...	—	4·79	34	—	—	—	—
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T.	Intensity.	p/p_0 sec. Z.	Sky.
																					Radiation by Ångström Pyrheliometer.			

For periods of sixty minutes, between the exact hours of Local Apparent Time.

175. Eskdalemuir : h_s (height of recorder above ground) = 1·5 metres. **May, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time G.M.T.	Inten-sity.	p/p_o sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	...	...	...	·1	...	·4	·4	...	·3	·9	·3	·3	·2	...	...	...	—	2·9	19	...	...	...	...
2	—	...	...	...	...	...	...	...	·4	·5	·2	...	·4	...	...	...	...	—	1·5	10	...	...	...	...
3	—	...	...	...	...	...	·1	...	·2	...	...	...	...	...	...	...	...	—	·3	2	...	...	...	...
4	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
5	—	...	...	...	...	...	...	...	...	·3	1·0	·8	1·0	·4	·2	...	...	—	3·7	24	...	...	...	...
6	—	...	...	...	...	...	...	·1	·8	·7	·7	·6	·2	·2	·1	...	...	—	3·4	22	...	...	...	...
7	—	...	...	·1	·7	1·0	·6	·9	·4	·1	·5	·6	...	...	...	...	...	—	4·9	31	...	...	...	...
8	—	...	...	·4	·3	·1	·4	...	...	...	...	...	...	...	...	...	...	—	1·2	8	...	...	...	...
9	—	...	...	·5	·2	·3	·1	...	...	...	...	...	...	·5	...	...	...	—	1·6	10	...	...	...	...
10	—	...	...	...	·5	·3	·8	·8	1·0	1·0	·9	·6	·8	1 0	·8	...	...	—	8·5	54	...	...	...	...
11	—	...	...	...	...	...	...	...	...	...	...	·9	·4	·9	·9	...	...	—	3·1	20	...	...	...	...
12	—	...	...	·6	·1	·2	·3	...	...	...	...	...	...	...	...	...	...	—	1·2	7	...	...	...	...
13	—	...	·8	·9	·8	1·0	1·0	1·0	1 0	1·0	1·0	1·0	·9	·1	...	...	...	—	**10·5**	**66**	...	...	...	...
14	—	...	...	·2	1·0	1·0	1·0	·9	·7	·9	·8	·9	·9	·4	·3	...	...	—	9·0	56	...	...	...	...
15	—	...	...	...	...	·2	·1	·1	·7	·6	8	1·0	·8	·1	...	...	...	—	4·4	27	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	·1	·9	...	...	...	...	...	...	1·0	6	...	...	...	...
17	...	...	...	·4	·4	·1	·1	·9	1·0	·8	1·0	·6	·1	...	...	...	...	...	5·4	33	...	...	...	...
18	...	...	·3	1·0	1·0	·6	...	...	...	...	...	...	...	·1	...	...	...	...	3·0	18	...	...	...	...
19	...	...	...	...	...	·6	·5	·5	...	...	...	·3	...	...	·5	...	...	...	2·4	15	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	·2	...	·1	·6	·7	·9	1·0	1·0	1·0	·9	1·0	1·0	1·0	·2	...	9·6	58	...	...	...	...
22	...	...	...	·2	·2	·5	·2	...	...	...	...	·6	·6	·1	·3	...	...	...	2·7	16	...	...	...	...
23	...	...	...	·4	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	3	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	·2	...	·1	·4	·2	·1	...	...	...	...	1·0	6	...	...	...	...
26	...	...	...	...	...	·7	·4	·4	·8	·9	·8	·4	...	...	...	...	...	...	4·4	26	...	...	...	...
27	...	...	...	...	...	...	...	...	...	·4	·6	·9	1·0	·9	·8	1·0	·2	...	5·8	35	...	...	...	...
28	...	...	...	...	...	...	·1	·5	·2	·2	·5	1·0	·3	...	...	...	...	...	2·8	17	...	...	...	...
29	...	...	...	...	...	...	...	·1	·5	·1	·5	...	...	...	...	...	...	...	1·2	7	...	...	...	...
30	...	...	...	...	·8	·6	·7	·7	·6	·3	·6	·4	·1	...	...	...	...	...	4·8	29	...	...	...	...
31	...	...	...	·1	·6	·3	·2	·3	·3	·4	·2	·3	...	...	...	...	...	...	2·7	16	...	...	...	...
Sum.	...	...	1·1	5·0	6·8	7·6	7·6	8·3	9·7	9·5	12·2	**13·5**	8·9	6·0	4·9	2·0	·4	...	103·5	—	—	—	—	—
Mean.	...	...	·04	·16	·22	·25	·25	·27	·31	·31	·39	**·44**	·29	·19	·16	·06	·01	...	3·34	21	—	—	—	—

176. Eskdalemuir : h_s = 1·5 metres. **June, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T.	Inten-sity.	p/p_o sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	...	...	...	·5	·7	·5	·2	·3	·7	·6	·4	·4	...	...	·4	·1	...	...	4·8	28	...	...	...	...
2	...	·1	...	·1	...	·3	·3	·6	·2	·9	·9	·9	1·0	·7	·8	1·0	·3	...	8·1	48	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	·2	·6	·5	·4	·7	·7	·4	...	3·5	21	...	...	...	...
5	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·6	·2	...	...	...	...	10·9	64	...	...	...	...
6	...	...	...	...	·1	1·0	·8	·4	...	·4	·4	·5	·3	1·0	·7	·8	·1	...	6·5	38	...	...	...	...
7	...	·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	1·0	1·0	1·0	1·0	1·0	·4	...	14·5	85	...	...	...	...
8	...	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	15·2	89	...	...	...	...
9	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	14·4	84	...	...	...	...
10	...	·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·1	...	14·7	85	11·59	59	1·18	Clear.
11	...	...	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	1·0	·7	·4	...	...	...	12·0	69	...	...	...	...
12	...	...	...	·4	1·0	1·0	·9	·6	·1	·3	·8	·5	·7	·4	·2	1·0	·9	...	8·8	51	...	...	...	...
13	...	...	·6	·9	1·0	·9	·6	·3	...	...	...	...	...	...	...	...	...	...	4·3	25	...	...	...	...
14	...	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	**15·7**	**91**	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	·1	...	...	...	...	·1	...	·6	·7	·2	...	...	...	1·7	10	...	...	...	...
17	...	1·0	·8	1·0	1·0	·9	·9	·3	·8	·7	1·0	·6	·5	·8	1·0	·9	...	...	12·2	70	...	...	...	...
18	...	1·0	1·0	·8	1·0	1·0	·9	1·0	·8	1·0	·9	·9	·9	1·0	1·0	1·0	·4	...	14·6	84	...	...	...	...
19	...	...	·3	1·0	1·0	·7	1·0	1·0	·2	...	...	...	...	...	...	...	...	...	5·2	30	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	·4	·6	1·0	·7	·5	...	...	...	3·2	18	...	...	...	...
21	...	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·9	·9	1·0	1·0	1·0	·8	...	15·5	89	...	...	...	...
22	...	·9	1·0	1·0	1·0	1·0	·9	1·0	1·0	·9	·8	·8	·9	1·0	1·0	·8	·2	...	14·2	82	...	...	...	...
23	...	·2	...	·2	·5	1·0	·9	1·0	1·0	·8	1·0	1·0	1·0	1·0	1·0	1·0	·6	...	12·2	70	...	...	...	...
24	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·2	...	...	14·0	81	...	...	...	...
25	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	...	...	...	12·8	74	...	...	...	...
26	...	...	...	...	...	...	...	·3	·3	...	...	...	...	...	...	·1	·1	...	·8	5	...	...	...	...
27	...	...	...	...	...	·2	·9	·6	1·0	1·0	1·0	·9	·1	·9	·9	...	...	...	7·5	43	...	...	...	...
28	...	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	·1	...	...	...	·1	...	...	·4	...	6·8	39	...	...	...	...
29	...	...	...	...	·1	·1	...	·1	·3	·2	·6	·7	1·0	1·0	·6	·5	...	...	5·2	30	...	...	...	...
30	...	...	...	...	...	·3	·2	·1	...	·5	·4	·1	·1	...	...	...	...	...	1·7	10	...	...	...	...
Sum.	...	8·1	13·9	16·9	18·4	**20·0**	19·5	18·6	17·4	17·4	18·5	18·3	18·1	18·6	17·1	14·1	6·1	...	261·0	—	—	—	—	—
Mean.	...	·27	·46	·56	·61	**·67**	·65	·62	·58	·58	·62	·61	·60	·62	·57	·47	·20	...	8·70	50	—	—	—	—
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T. Radiation by Ångström Pyrheliometer.	Inten-sity.	p/p_o sec. Z.	Sky.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

177. Eskdalemuir : h_s (height of recorder above ground) = 1·5 metres. **July, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time G.M.T.	Intensity.	p/p_0 sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	...	...	...	·5	1·0	1·0	1·0	·6	·9	·6	·9	·1	·2	·1	·1	...	...	...	7·0	41	...	...	...	...
2	...	...	...	...	...	·2	·8	1·0	1·0	·8	·9	·7	·7	·9	1·0	1·0	·8	...	9·8	57	...	...	...	...
3	...	...	...	...	...	...	1·0	·7	·6	·3	·9	·3	·7	·3	·3	·6	...	...	5·7	33	...	...	...	...
4	...	...	...	...	...	·1	·4	·4	·2	·7	·2	...	...	...	...	...	...	...	2·0	12	...	...	...	...
5	...	·6	1·0	1·0	1·0	·9	1·0	·8	·6	·9	·9	...	·2	...	...	...	...	...	8·9	52	...	...	...	...
6	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	·1	1	...	...	...	...
7	...	...	...	...	...	...	·5	·7	·6	·2	·4	·2	·6	·2	1·0	·8	·2	...	5·4	51	...	...	...	...
8	...	...	...	·5	1·0	1·0	1·0	1·0	1·0	·4	·7	·2	·5	·1	...	...	...	...	7·4	43	...	...	...	...
9	...	...	...	...	...	...	...	·6	·4	·6	·3	...	...	...	...	...	...	...	1·9	11	...	...	...	...
10	...	...	...	...	...	...	...	·1	...	·3	1·0	·3	...	...	·3	·1	·2	...	2·3	13	...	...	...	...
11	...	...	...	·7	·3	·8	·6	·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	...	**11·7**	**69**	...	...	...	...
12	...	...	...	...	...	...	·6	1·0	1·0	·9	·9	1·0	·7	·9	·7	·4	...	...	8·1	47	...	...	...	...
13	...	...	...	...	...	·5	·5	·8	·3	·1	·7	·5	1·0	·7	·9	·7	·4	...	7·1	42	...	...	...	...
14	...	...	·4	1·0	1·0	1·0	1·0	1·0	1·0	·3	·4	·2	·2	·9	·2	...	...	...	8·6	51	11 27	72	1·22	Ci-St.
15	...	...	...	...	...	...	...	...	...	...	...	·3	·1	·2	·3	...	·1	...	1·0	6	...	...	...	...
16	...	...	...	·2	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	·3	2	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	·2	·6	·7	·4	·6	·4	1·0	·4	·2	·3	·1	·2	...	5·1	31	...	...	...	...
19	...	·4	·8	·3	·7	1·0	1·0	·7	·7	·8	1·0	·9	·7	·5	·6	·3	...	...	10·4	63	...	...	...	...
20	...	...	·1	·6	·9	·4	·4	...	...	...	...	...	...	...	...	...	...	...	2·4	15	...	...	...	...
21	...	...	...	...	·1	·6	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	...	9·8	59	11 57	77	1·21	Clear.
22	...	...	·4	1·0	·9	·6	·1	...	...	...	·3	·6	·2	·8	·1	·8	...	...	5·8	35	...	...	...	...
23	...	...	·1	·2	·7	·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	...	...	11·3	**69**	...	...	...	...
24	...	...	...	...	...	...	...	...	...	·2	·9	1·0	1·0	·3	...	...	...	...	3·4	21	...	...	...	...
25	...	...	·3	·9	·9	1·0	·8	·2	·7	1·0	1·0	...	·2	...	...	...	...	...	7·4	45	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	·5	·1	...	...	...	...	...	...	·6	4	...	...	...	...
27	...	...	·1	·8	·9	1·0	1·0	·8	·9	·1	·5	1·0	·7	·3	·4	·5	·6	...	9·6	59	...	...	...	...
28	...	...	·7	1·0	1·0	1·0	1·0	·3	·6	...	...	...	...	...	...	...	...	...	5·6	35	...	...	...	...
29	...	...	...	...	·1	·4	·8	·5	...	...	...	...	·1	·3	...	...	...	...	2·2	14	...	...	...	...
30	—	...	...	·1	·2	·4	·7	·6	·4	·2	·2	1·0	·5	·4	·3	·6	...	—	5·6	35	...	...	...	...
31	—	·1	9	...	·4	·1	...	...	...	...	...	...	...	·1	·7	·3	...	—	2·6	16	...	...	...	...
Sum.	...	1·1	4·8	8·8	11·1	12·8	**16·7**	14·9	14·3	12·1	16·0	12·8	11·7	10·2	10·2	8·2	3·4	...	169·1	—	—	—	—	—
Mean.	...	·04	·15	·28	·36	·41	**·54**	·48	·46	·39	·52	·41	·38	·33	·33	·26	·11	...	5·45	33	—	—	—	—

178. Eskdalemuir : h_s = 1·5 metres. **August, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T.	Intensity.	p/p_0 sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	...	...	...	...	...	...	·1	·3	...	·1	...	...	...	...	...	...	—	5	3	...	...	...	...
2	—	·4	·5	·5	·8	1·0	...	·2	·2	...	·4	·3	·1	...	...	...	...	—	4·4	28	...	...	...	...
3	—	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	—	·1	1	...	...	...	...
4	—	...	...	·2	...	...	...	·1	·1	·1	...	...	...	...	...	...	...	—	·5	3	...	...	...	...
5	—	...	...	·5	1·0	1·0	·7	·5	·2	...	...	...	...	...	...	...	...	—	3·9	25	...	...	...	...
6	—	...	...	...	...	...	...	...	...	·6	·5	·7	·8	1·0	·7	...	...	—	4·3	28	...	...	...	...
7	—	...	...	...	·1	...	·1	...	...	...	...	...	...	...	...	...	...	—	·2	1	...	...	...	...
8	—	...	...	...	...	...	...	...	·3	·6	·4	·3	1·0	1·0	·3	...	...	—	3·9	25	...	...	...	...
9	—	...	...	...	...	...	...	...	·7	·9	·5	·6	1·0	1·0	·9	·4	...	—	6·0	39	...	...	...	...
10	—	...	...	...	·1	·3	...	·1	...	...	...	·7	·3	...	...	...	...	—	1·5	10	...	...	...	...
11	—	...	...	...	...	·7	·1	·1	·1	·5	·6	·1	·1	·5	...	...	...	—	2·8	18	...	...	...	...
12	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
13	—	...	...	...	...	...	...	...	...	·6	...	...	·1	·2	...	...	...	—	·9	6	...	...	...	...
14	—	...	...	...	...	...	·2	·1	·3	·4	·8	...	·1	...	...	...	...	—	1·9	13	...	...	...	...
15	—	...	...	·2	1·0	·7	1·0	·4	·3	1·0	1·0	1·0	·8	1·0	1·0	·9	...	—	10·3	69	...	...	...	...
16	—	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	—	**13·5**	**90**	...	...	...	...
17	—	...	·5	1·0	1·0	1·0	1·0	1·0	1·0	·8	1·0	1·0	1·0	1·0	·7	·2	...	—	12·2	82	...	...	...	...
18	—	...	...	·4	·5	·1	...	...	...	·1	·7	·2	·2	...	...	...	...	—	2·2	15	...	...	...	...
19	—	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	—	·1	1	...	...	...	...
20	—	...	...	...	...	...	...	...	...	·4	·2	...	...	...	...	...	...	—	·6	4	...	...	...	...
21	—	...	...	...	...	...	...	...	·1	·5	...	·1	...	...	...	...	...	—	·7	5	...	...	...	...
22	—	...	...	...	...	...	·2	·9	·2	...	·1	...	...	...	...	...	...	—	1·4	10	...	...	...	...
23	—	...	...	...	·2	1·0	·3	·3	·4	·7	·1	...	...	...	...	...	...	—	3·0	21	...	...	...	...
24	—	...	...	·1	1·0	·7	·1	...	...	...	...	...	...	...	...	...	...	—	1·9	13	...	...	...	...
25	—	...	...	...	·8	·8	·4	·8	1·0	1·0	·7	1·0	·9	·6	·1	·3	...	—	8·4	59	...	...	...	...
26	—	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	—	·2	1	...	...	...	...
27	—	...	...	·2	...	...	·2	·1	·4	·5	·9	·2	·4	·1	...	...	...	—	3·0	2	...	...	...	...
28	—	—	...	...	...	·8	·6	·6	·3	·5	·5	...	...	...	...	...	—	—	3·3	2	...	...	...	...
29	—	—	...	...	...	...	·5	·9	·6	·9	·6	·5	·1	·8	·7	...	—	—	5·6	40	...	...	...	...
30	—	—	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	—	—	·1	1	...	...	...	...
31	—	—	...	...	...	...	...	...	...	·1	·6	·3	...	...	...	...	—	—	1·0	7	...	...	...	...
Sum.	—	·4	1·7	4·2	7·7	9·1	6·4	7·3	7·5	**11·2**	10·7	8·1	7·9	8·2	5·4	2·6	—	—	98·4	—	—	—	—	—
Mean.	—	·01	·05	·14	·25	·29	·21	·24	·24	**·36**	·35	·26	·25	·26	·17	·08	—	—	3·17	21	—	—	—	—
Hour. L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T. Radiation by Ångström Pyrheliometer.	Intensity.	p/p_0 sec. Z.	Sky.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

179. Eskdalemuir : h_s (height of recorder above ground) = 1·5 metres. **September, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time G.M.T.	Intensity.	p/p_0 sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	...	...	...	...	...	...	·2	·1	·1	...	·3	·3	·4	...	—	—	1·4	10	...	...	...	...
2	—	—	·2	·7	·5	·5	...	...	...	...	...	·3	...	...	...	...	—	—	2·2	16	...	...	...	...
3	—	—	·2	1·0	·8	1·0	1·0	1·0	·7	1·0	1·0	·8	·5	·2	...	...	—	—	9·2	67	...	...	...	...
4	—	—	...	·1	·9	1·0	·9	·9	1·0	1·0	1·0	1·0	1·0	1·0	·5	·1	—	—	**10·4**	77	...	...	...	...
5	—	—	...	...	...	·6	1·0	1·0	1·0	·6	·3	...	·1	·2	...	...	—	—	4·8	36	11 37	74	1·49	Cu.
6	—	—	·1	·8	1·0	·9	...	·2	·9	·9	·9	·7	·3	·4	...	...	—	—	7·1	53	...	...	...	...
7	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
8	—	—	...	...	...	·1	·1	·4	·4	·8	·7	·5	·9	·1	...	...	—	—	4·0	30	...	...	...	...
9	—	—	...	...	...	...	...	·1	·5	·7	·3	·9	·2	...	...	...	—	—	2·7	21	...	...	...	...
10	—	—	...	·9	1·0	1·0	·5	·3	·1	·4	·4	·6	·2	·8	·7	...	—	—	6·9	53	...	...	...	...
11	—	—	—	...	...	·5	...	...	...	...	...	·2	·2	...	...	—	—	—	0·9	7	...	...	...	...
12	—	—	—	·4	1·0	1·0	1·0	·6	·4	·3	...	·2	·5	...	...	—	—	—	5·4	42	...	...	...	...
13	—	—	—	...	...	·4	·9	·4	·1	·1	·2	·6	·6	·6	...	—	—	—	3·9	30	...	...	...	...
14	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
15	—	—	—	...	...	·3	1·0	·3	·7	·2	·6	...	...	...	...	—	—	—	3·1	24	...	...	...	...
16	—	—	—	...	...	...	·1	·6	·9	·4	1·0	1·0	1·0	1·0	·8	—	—	—	6·8	54	...	...	...	...
17	—	—	—	·3	1·0	·8	·5	·6	...	...	...	...	...	...	...	—	—	—	3·2	25	...	...	...	...
18	—	—	—	·3	·7	·2	·9	·8	·5	·2	·3	·9	·4	·2	...	—	—	—	5·4	43	...	...	...	...
19	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
20	—	—	—	...	·2	·8	1·0	·8	·9	·6	·9	1·0	·8	·4	...	—	—	—	7·4	60	...	...	...	...
21	—	—	—	...	·2	...	·4	1·0	·8	1·0	1·0	·9	·5	·5	·4	—	—	—	6·7	55	...	...	...	...
22	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
23	—	—	—	·3	1·0	1·0	1·0	1·0	1·0	·6	·3	·1	·6	...	...	—	—	—	6·9	57	...	...	...	...
24	—	—	—	...	·5	·5	1·0	1·0	1·0	·9	·7	·6	·5	·9	·3	—	—	—	7·9	65	...	...	...	...
25	—	—	—	...	...	...	·5	·1	...	...	...	...	...	...	...	—	—	—	·6	5	...	...	...	...
26	—	—	—	...	...	...	...	...	...	...	...	...	...	·3	...	—	—	—	·3	3	...	...	...	...
27	—	—	—	·3	1·0	1·0	1·0	1·0	1·0	·8	1·0	1·0	1·0	·3	...	—	—	—	9·4	**79**	...	...	...	...
28	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
29	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
30	—	—	—	...	...	...	·1	·9	1·0	1·0	·5	·1	·2	·5	...	—	—	—	4·3	37	...	...	...	...
Sum.	—	—	·5	5·1	9·8	11·6	12·9	13·0	**13·1**	11·6	11·2	11·4	9·8	7·7	3·1	·1	—	—	120·9	—	—	—	—	—
Mean	—	—	·02	·17	·33	·39	·43	·43	**·44**	·39	·37	·38	·33	·26	·10	·00	—	—	4·03	32	—	—	—	—

180. Eskdalemuir : h_s = 1·5 metres. **October, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T.	Intensity.	p/p_0 sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	—	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·6	·9	·9	...	—	—	—	9·5	82	...	...	...	...
2	—	—	—	...	·4	·3	·1	...	1·0	·9	·3	·9	1·0	·4	...	—	—	—	5·3	46	...	...	...	...
3	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
4	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
5	—	—	—	...	...	...	...	·4	·9	1·0	1·0	·9	·4	·1	...	—	—	—	4·7	42	...	...	...	...
6	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
7	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
8	—	—	—	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·7	...	—	—	—	8·7	79	...	...	...	...
9	—	—	—	...	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	—	—	—	**9·8**	**90**	...	...	...	...
10	—	—	—	...	...	·5	·3	...	1·0	1·0	1·0	1·0	1·0	·6	...	—	—	—	6·4	59	...	...	...	...
11	—	—	—	...	...	·3	·9	·7	1·0	·2	·5	1·0	1·0	·3	...	—	—	—	5·9	55	...	...	...	...
12	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
13	—	—	—	...	...	...	1·0	1·0	·4	·2	·4	·5	·1	...	...	—	—	—	3·6	34	...	...	...	...
14	—	—	—	...	·9	1·0	1·0	·4	...	·2	·7	·5	...	...	...	—	—	—	4·7	45	...	...	...	...
15	—	—	—	...	·6	1·0	·7	·6	...	...	...	...	...	...	...	—	—	—	2·9	28	...	...	...	...
16	—	—	—	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	·7	...	...	...	—	—	—	7·4	71	...	...	...	...
17	—	—	—	...	...	...	...	...	·3	·8	1·0	·9	·3	...	...	—	—	—	3·3	32	...	...	...	...
18	—	—	—	...	...	·1	·7	·6	·4	·3	·8	·7	·4	...	...	—	—	—	4·0	39	...	...	...	...
19	—	—	—	...	...	·2	·4	1·0	·6	·3	...	...	...	...	...	—	—	—	2·5	25	...	...	...	...
20	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
21	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
22	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
23	—	—	—	—	...	...	...	·1	·1	...	...	...	...	...	—	—	—	—	0·2	2	...	...	...	...
24	—	—	—	—	...	·1	·2	·1	·5	·1	...	...	...	...	—	—	—	—	1·0	10	...	...	...	...
25	—	—	—	—	...	...	·6	·2	·7	·2	·3	·8	...	...	—	—	—	—	2·8	29	...	...	...	...
26	—	—	—	—	...	...	...	...	...	...	...	...	·1	...	—	—	—	—	0·1	1	...	...	...	...
27	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
28	—	—	—	—	...	...	·2	·1	...	·1	...	...	...	...	...	—	—	—	0·4	4	...	...	...	...
29	—	—	—	—	...	...	·1	·2	·2	...	...	...	...	...	—	—	—	—	0·5	5	...	...	...	...
30	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
31	—	—	—	—	·1	·1	1·0	·8	...	...	...	...	...	...	—	—	—	—	2·0	21	...	...	...	...
Sum.	—	—	—	·1	4·8	7·6	**11·2**	10·2	11·1	9·3	10·0	10·5	7·1	3·8	...	—	—	—	85·7	—	—	—	—	—
Mean.	—	—	—	·00	·15	·25	**·36**	·33	·36	·30	·32	·34	·23	·12	...	—	—	—	2·76	27	—	—	—	—
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T. Radiation by Ångström Pyrheliometer.	Intensity.	p/p_0 sec. Z.	Sky.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

181. Eskdalemuir : h_s (height of recorder above ground) = 1·5 metres. **November, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time G.M.T.	Intensity.	p/p_0 sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hrl	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	—	—	...	·5	·6	·1	·3	·2	·7	...	...	...	—	—	—	—	2·4	26	...	...	...	...
2	—	—	—	—	...	...	...	·1	...	...	...	...	...	...	—	—	—	—	·1	1	...	...	...	...
3	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
4	—	—	—	—	...	·3	...	·7	·3	·1	·5	·1	...	...	—	—	—	—	2·0	22	...	...	...	...
5	—	—	—	—	...	...	...	...	...	...	·3	·1	·3	...	—	—	—	—	·7	8	...	...	...	...
6	—	—	—	—	...	...	·1	·5	...	...	...	...	...	...	—	—	—	—	·6	7	...	...	...	...
7	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
8	—	—	—	—	...	·1	1·0	1·0	·4	·3	1·0	1·0	·6	...	—	—	—	—	5·4	62	...	...	...	...
9	—	—	—	—	...	·9	·7	·7	1·0	1·0	1·0	1·0	·7	...	—	—	—	—	7·0	81	...	...	...	...
10	—	—	—	—	...	·9	1·0	1·0	·8	·4	·1	·9	·5	...	—	—	—	—	5·6	65	...	...	...	...
11	—	—	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	·6	...	—	—	—	—	**7·4**	**86**	...	...	...	...
12	—	—	—	—	...	·1	1·0	1·0	1·0	1·0	1·0	·9	·3	...	—	—	—	—	6·3	74	12 23	51	3·46	Ci-haze
13	—	—	—	—	...	...	...	...	·7	1·0	1·0	·9	...	...	—	—	—	—	3·6	43	...	...	...	...
14	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
15	—	—	—	—	...	...	·4	·6	·9	1·0	·6	·9	·2	...	—	—	—	—	4·6	55	...	...	...	...
16	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
17	—	—	—	—	...	·4	·9	...	...	...	...	...	...	...	—	—	—	—	1·3	16	...	...	...	...
18	—	—	—	—	...	(·3)	(1·0)	1·0	1·0	1·0	1·0	·7	...	...	—	—	—	—	6·0	74	12 5	53	3·76	Clear.
19	—	—	—	—	—	...	·6	·9	1·0	1·0	1·0	1·0	·4	—	—	—	—	—	5·9	73	...	...	...	...
20	—	—	—	—	—	...	...	...	...	...	1·0	1·0	·3	—	—	—	—	—	2·3	29	...	...	...	...
21	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
22	—	—	—	—	—	...	...	...	·4	1·0	·7	...	...	—	—	—	—	—	2·1	27	...	...	...	...
23	—	—	—	—	—	...	...	·1	1·0	·8	1·0	·8	...	—	—	—	—	—	3·7	47	12 11	73	4·00	Clear.
24	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
25	—	—	—	—	—	·5	1·0	1·0	1·0	1·0	1·0	·6	...	—	—	—	—	—	6·1	79	...	...	...	...
26	—	—	—	—	—	...	·7	1·0	·8	...	...	·5	...	—	—	—	—	—	3·0	39	...	...	...	...
27	—	—	—	—	—	·3	1·0	1·0	1·0	1·0	·9	·7	...	—	—	—	—	—	5·9	77	...	...	...	...
28	—	—	—	—	—	·7	1·0	1·0	1·0	1·0	1·0	1·0	·1	—	—	—	—	—	6·8	89	...	...	...	...
29	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
30	—	—	—	—	—	...	...	...	...	·3	...	...	...	—	—	—	—	—	·3	4	...	...	...	...
Sum.	—	—	—	—	...	5·8	12·0	12·7	13·6	13·1	**14·8**	13·1	4·0	...	—	—	—	—	89·1	—	—	—	—	—
Mean.	—	—	—	—	...	·19	·40	·42	·45	·44	**·49**	·44	·13	...	—	—	—	—	2·97	36	—	—	—	—

182. Eskdalemuir : h_s = 1·5 metres. **December, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T.	Intensity.	p/p_0 sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	—	—	—	...	...	...	...	...	...	·3	·8	—	—	—	—	—	1·1	15	...	...	...	...
2	—	—	—	—	—	·5	1·0	1·0	1·0	1·0	·9	·9	...	—	—	—	—	—	**6·3**	85	12·47	49	4·54	Clear.
3	—	—	—	—	—	...	·6	·9	1·0	·9	·6	1·0	·1	—	—	—	—	—	5·1	69	...	...	...	...
4	—	—	—	—	—	·5	1·0	1·0	1·0	1·0	1·0	·8	...	—	—	—	—	—	**6·3**	86	...	...	...	...
5	—	—	—	—	—	...	...	...	·6	1·0	1·0	·3	...	—	—	—	—	—	2·9	40	...	...	...	...
6	—	—	—	—	—	...	·4	1·0	1·0	1·0	1·0	·9	...	—	—	—	—	—	5·3	73	...	...	...	...
7	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
8	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
9	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
10	—	—	—	—	—	...	...	·6	·2	·9	·9	·5	...	—	—	—	—	—	3·1	43	...	...	...	...
11	—	—	—	—	—	·4	1·0	1·0	·4	·8	·8	·8	...	—	—	—	—	—	5·2	73	...	...	...	...
12	—	—	—	—	—	·4	1·0	1·0	·9	·3	...	·7	...	—	—	—	—	—	4·3	61	11·53	52	4·92	Ci.-Cu.
13	—	—	—	—	—	...	·1	·7	·9	·9	·3	...	...	—	—	—	—	—	2·4	34	...	...	...	...
14	—	—	—	—	—	·3	1·0	1·0	1·0	1·0	1·0	1·0	...	—	—	—	—	—	**6·3**	**89**	...	...	...	...
15	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
16	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
17	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
18	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
19	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
20	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
21	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
22	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
23	—	—	—	—	—	·2	·7	·9	·1	...	...	...	...	—	—	—	—	—	1·9	27	...	...	...	...
24	—	—	—	—	—	·1	·8	1·0	1·0	1·0	1·0	·3	...	—	—	—	—	—	5·2	74	...	...	...	...
25	—	—	—	—	—	...	...	...	·1	...	...	...	...	—	—	—	—	—	0·1	1	...	...	...	...
26	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
27	—	—	—	—	—	...	...	...	...	...	...	...		—	—	—	—	—	...	...	...	...	...	...
28	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
29	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
30	—	—	—	—	—	...	...	...	...	·2	...	...	...	—	—	—	—	—	0·2	31	...	...	...	...
31	—	—	—	—	—	...	·1	...	...	...	...	...	...	—	—	—	—	—	0·1	1	...	...	...	...
Sum.	—	—	—	—	—	2·4	7·7	9·6	9·2	**10·0**	8·5	7·5	0·9	—	—	—	—	—	55·8	—	—	—	—	—
Mean.	—	—	—	—	—	·08	·25	·31	·30	**·32**	·27	·24	·03	—	—	—	—	—	1·80	25	—	—	—	—
Annual Total.	...	9·6	23·4	47·2	77·4	108·6	130·6	134·3	133·6	132·0	136·4	126·2	90·4	70·1	49·7	29·4	9·9	...	1308·8	—	—	—	—	—
Annual Mean.	...	0·03	0·06	0·13	0·21	0·30	0·36	0·37	0·36	0·37	0·37	0·35	0·25	0·18	0·12	0·07	0·03	...	3·59	29	—	—	—	—
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T.	Intensity.	p/p_0 sec. Z.	Sky.
																					Radiation by Ångström Pyrheliometer.			

Direction expressed in degrees from North ($E = 90°$, $S = 180°$, $W = 270°$, $N = 360°$). *Speed in metres per second.*

183. Eskdalemuir : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	230	12·6	230	11·0	230	12·4	220	10·4	220	8·6	210	8·6	200	8·5	200	7·4	180	8·1	180	7·8	170	6·5	190	11·1
2	230	17·0	230	16·5	230	14·9	230	13·0	220	8·6	210	3·1	—	0·5	180	4·5	150	5·1	140	9·5	150	9·9	180	13·6
3	210	17·2	220	18·5	220	16·1	230	13·5	230	12·2	230	9·9	220	8·3	220	5·1	200	1·7	210	7·5	210	8·7	210	10·6
4	—	0·4	10	2·1	—	1·4	—	1·4	60	3·5	10	6·1	360	6·5	350	4·9	330	2·5	300	5·0	280	3·1	290	4·1
5	220	4·7	230	7·0	220	7·8	210	7·4	220	5·6	230	7·2	220	6·9	240	6·6	230	7·0	210	6·0	210	5·2	220	7·0
6	290	8·2	300	6·6	300	5·6	290	5·6	290	5·0	290	2·6	290	4·5	290	4·3	—	1·5	—	1·5	290	2·7	—	1·0
7	220	9·4	230	11·0	240	11·1	230	9·6	230	10·3	210	9·4	220	8·1	230	9·0	230	9·8	240	12·7	240	10·6	230	9·1
8	210	4·4	210	5·0	210	5·1	210	5·1	200	5·4	180	5·1	190	10·0	190	11·4	190	11·5	190	12·1	190	10·0	190	9·4
9	270	7·0	290	11·8	310	10·0	310	7·6	300	5·8	300	6·1	280	2·0	—	1·0	—	0·9	270	1·8	270	3·7	270	4·9
10	160	2·0	190	2·5	190	4·5	190	6·0	200	7·4	190	7·0	190	7·0	190	6·8	200	6·2	200	8·6	200	8·9	210	9·1
11	190	5·2	800	6·1	210	7·3	210	6·2	220	7·5	220	6·1	210	5·5	200	2·7	180	2·1	180	2·8	190	4·0	190	6·1
12	190	5·4	190	5·0	190	4·3	180	2·5	180	2·2	190	2·5	170	2·6	190	2·0	190	2·7	190	2·6	160	2·8	160	2·4
13	170	2·1	180	3·6	180	4·6	160	2·6	150	5·0	160	4·9	170	8·5	190	12·1	200	13·9	200	13·8	190	11·0	190	12·0
14	170	15·1	160	13·2	160	10·4	170	16·1	180	21·7	190	21·2	200	16·8	240	12·5	230	9·6	210	8·0	210	10·2	210	12·4
15	200	3·1	220	6·8	230	8·0	240	8·0	230	6·4	240	7·9	240	9·5	230	7·2	190	3·2	230	5·5	210	5·1	220	4·5
16	250	6·9	230	6·7	210	5·9	230	6·5	240	6·5	240	7·0	240	7·6	240	8·0	240	7·7	240	7·5	240	8·0	240	8·4
17	230	3·4	230	2·9	230	2·2	210	3·5	220	5·0	220	2·7	200	1·6	—	1·5	220	3·2	220	6·3	220	8·3	220	7·7
18	230	7·4	210	4·4	210	4·6	200	6·0	200	5·6	210	6·9	210	7·4	220	8·3	220	11·0	220	10·8	220	11·4	230	11·5
19	—	0·4	—	0·4	—	0·5	—	1·5	350	2·1	—	0·6	350	2·4	350	4·5	350	3·1	—	1·5	†	2·0	—	1·1
20	190	2·7	190	2·6	200	2·1	190	2·0	—	1·0	—	1·4	170	2·6	180	1·9	—	0·7	—	0·9	—	0·2	—	0·4
21	—	0·8	—	1·0	—	1·4	180	2·3	180	2·9	180	2·6	180	2·5	180	2·0	180	2·7	180	2·6	190	3·0	180	3·6
22	150	2·4	—	0·2	—	0·3	—	0·7	—	0·5	—	0·4	—	0·4	—	0·6	—	0·8	—	0·1	—	0·0	—	1·4
23	—	0·5	—	0·2	—	0·5	—	0·2	170	2·1	150	3·0	210	6·0	230	7·0	220	9·4	210	10·9	210	12·1	220	14·0
24	290	7·0	290	7·3	290	6·4	310	2·5	360	4·0	310	3·0	320	2·6	—	1·0	—	1·0	—	0·8	360	2·9	50	3·4
25	350	2·5	350	2·1	350	3·1	350	3·9	350	3·8	—	1·3	—	1·5	—	1·1	—	1·5	340	4·0	340	5·1	340	5·3
26	60	3·1	30	4·9	30	4·5	30	4·5	40	2·1	20	2·5	10	2·8	10	2·6	50	3·5	60	2·4	90	3·7	100	5·9
27	100	4·6	90	2·0	100	3·1	100	4·1	90	4·9	110	5·4	110	5·0	100	3·7	100	4·4	100	4·2	110	6·2	100	5·9
28	—	0·3	—	0·1	—	0·1	—	0·4	170	2·0	170	2·0	—	1·1	—	0·1	—	0·5	—	0·6	—	0·6	—	1·1
29	220	7·0	220	6·9	200	5·0	180	4·6	180	6·7	200	12·7	190	12·8	190	13·3	190	12·7	210	15·0	230	16·6	260	12·5
30	260	11·5	250	9·8	250	12·0	250	9·2	240	10·7	240	10·5	240	10·8	250	10·9	250	12·4	260	11·8	250	10·8	250	12·4
31	270	11·0	260	9·4	260	8·6	250	8·5	250	7·2	230	8·1	240	5·7	260	6·0	260	7·8	270	7·1	260	8·1	260	8·5
Mean ...	—	6·0	—	6·1	—	5·9	—	5·7	—	5·9	—	5·7	—	5·7	—	5·5	—	**5·4**	—	6·2	—	6·5	—	**7·1**

184. Eskdalemuir : H_a = 235 metres + 15 metres.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	300	9·0	290	8·1	280	7·9	280	8·0	290	12·3	300	12·9	300	14·0	310	14·6	300	13·8	300	12·9	†	8·4	†	5·6
2	200	5·2	210	5·4	180	5·6	200	5·6	230	10·1	230	9·4	210	7·1	210	6·5	200	6·9	220	8·0	220	12·2	230	13·1
3	160	3·0	170	4·2	180	4·6	170	3·0	180	2·5	200	5·1	210	7·0	210	5·9	210	7·0	230	12·1	230	14·1	230	12·2
4	260	10·9	250	8·7	250	9·1	260	9·4	250	9·2	250	6·2	230	4·7	170	2·9	190	3·6	200	3·9	210	5·2	220	6·1
5	230	14·6	220	12·5	230	14·5	230	15·0	220	13·0	220	14·1	220	1·45	230	13·1	270	8·0	270	6·1	270	8·0	260	7·7
6	230	7·2	240	7·0	240	7·7	230	8·4	230	7·5	240	8·9	240	9·1	240	8·6	230	8·6	230	9·5	230	8·8	230	9·9
7	290	8·9	290	8·0	280	7·3	290	8·1	300	10·0	310	10·5	310	6·5	—	1·3	290	3·2	330	1·8	—	1·4	—	1·4
8	190	8·9	190	8·7	200	10·0	210	10·5	230	11·5	230	10·6	240	10·0	250	10·9	230	10·4	230	10·0	220	10·5	220	10·3
9	250	11·4	250	10·0	230	8·6	220	8·4	230	10·1	230	9·5	240	10·1	260	8·1	250	11·5	240	10·1	230	9·0	230	8·9
10	210	9·5	210	10·8	210	12·5	210	12·4	220	10·9	200	10·3	200	10·9	200	12·3	200	13·6	200	16·6	200	16·0	210	17·7
11	200	3·9	200	4·1	200	3·7	200	3·6	200	3·4	200	3·4	200	1·9	—	1·3	200	2·0	200	2·0	160	1·6	180	2·5
12	250	2·2	220	2·1	230	3·3	230	6·6	230	6·3	220	7·0	230	10·8	220	12·1	220	13·5	240	13·7	220	11·6	240	13·1
13	—	0·2	—	0·0	—	0·1	—	0·8	110	2·4	70	4·9	60	6·5	70	6·9	90	7·5	130	(5·8)	160	4·1	170	4·0
14	—	0·8	—	1·4	—	1·2	350	3·6	360	2·7	340	2·3	360	3·1	—	1·4	360	2·1	350	1·7	350	1·7	—	1·4
15	220	2·3	220	1·6	—	1·0	180	2·7	160	2·4	160	4·1	160	3·1	160	2·0	—	0·8	—	0·6	—	1·0	150	3·1
16	350	4·8	350	6·6	350	6·0	340	3·8	350	4·4	360	4·5	360	3·8	350	3·5	350	5·6	360	5·6	360	4·9	350	3·6
17	300	10·5	300	10·6	300	10·3	300	9·6	290	9·5	290	10·0	290	10·1	290	11·0	290	12·9	280	11·7	280	11·9	290	11·8
18	310	8·3	310	7·9	310	9·0	310	8·0	310	8·5	310	7·9	310	7·1	310	6·5	310	7·6	310	6·9	300	4·4	310	3·5
19	—	0·3	—	0·6	—	0·2	330	4·0	310	6·2	320	5·2	330	5·2	350	2·1	—	1·1	350	2·6	350	3·3	350	5·4
20	—	1·5	—	0·1	—	0·2	—	1·2	—	1·5	—	1·0	—	0·4	—	0·2	—	0·1	—	0·0	—	0·0	—	1·1
21	—	0·5	—	1·0	—	0·2	—	0·9	140	2·1	140	2·4	140	3·5	140	3·6	150	4·0	150	4·6	140	4·6	150	5·1
22	—	0·2	—	0·1	—	0·3	—	0·2	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·1
23	140	8·1	130	9·1	130	9·5	120	8·0	120	6·5	110	4·5	120	4·5	110	5·0	120	6·9	130	7·9	130	7·5	140	5·9
24	—	0·0	—	0·1	—	1·2	150	1·7	—	1·0	—	0·2	—	0·2	130	1·9	110	5·8	110	8·0	110	7·8	110	9·0
25	—	0·2	—	0·2	—	0·1	—	0·1	—	0·1	—	0·2	—	0·1	—	0·1	—	0·5	130	3·6	140	3·9	120	3·0
26	—	0·8	100	1·7	100	4·0	90	5·1	80	5·5	60	7·7	60	8·2	60	7·7	80	4·4	—	1·4	60	1·6	120	3·0
27	350	2·2	—	1·5	350	3·5	350	3·9	350	3·4	350	4·2	360	4·5	10	5·9	20	5·6	20	5·0	20	5·9	10	5·5
28	330	4·1	330	3·4	—	1·2	—	1·3	—	0·4	—	1·0	330	2·6	—	0·6	—	0·4	—	1·4	330	2·0	320	3·0
Mean ...	—	5·0	—	4·8	—	5·1	—	5·5	—	5·8	—	6·0	—	6·1	—	5·6	—	6·0	—	6·2	—	6·1	—	6·3
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time. **January, 1925.**

M.S.L. + h_a (height of anemograph above ground) = 235 metres + 15 metres.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
200	14·1	200	12·0	200	14·9	200	18·4	220	18·8	220	14·5	210	12·6	220	15·0	240	15·5	230	16·4	220	13·8	230	15·4	12·2	1
230	17·1	220	16·7	230	17·2	220	16·6	230	19·9	240	19·8	240	16·5	230	10·8	230	7·2	210	9·7	210	10·6	210	13·5	12·2	2
220	10·1	230	10·5	240	10·2	220	7·9	210	5·9	220	7·2	220	6·1	220	6·1	220	5·9	220	5·1	190	2·4	—	0·6	8·9	3
240	3·1	—	0·6	—	0·4	—	0·0	—	0·1	—	0·1	—	0·1	—	0·1	—	0·2	—	0·1	—	0·0	220	1·9	2·0	4
230	8·9	230	9·0	230	8·9	240	8·3	240	9·1	250	7·6	240	6·6	240	7·0	240	6·3	240	6·8	230	6·1	270	7·5	7·0	5
—	0·8	200	2·2	200	2·6	200	3·0	200	3·4	200	5·0	200	6·1	220	8·1	220	7·4	230	9·0	230	10·0	220	8·6	4·8	6
240	8·3	230	7·4	210	6·0	200	5·1	210	7·8	190	6·5	200	7·1	200	7·1	210	7·9	200	7·8	200	7·0	200	5·6	8·5	7
190	8·7	190	8·5	180	10·1	190	10·6	190	11·5	190	11·6	190	11·1	190	10·6	200	10·6	200	10·5	230	6·8	250	5·9	8·8	8
290	5·1	280	4·8	280	4·6	240	2·9	230	2·8	—	1·5	—	0·5	—	1·2	190	3·0	180	2·6	—	1·4	—	1·2	4·0	9
200	8·7	200	8·9	200	5·9	190	4·4	180	4·0	180	5·0	180	5·8	180	6·5	180	5·4	180	5·1	190	5·3	200	5·0	6·0	10
200	6·4	200	5·5	200	6·5	200	5·5	200	5·0	190	4·6	200	5·5	200	7·0	190	5·9	190	6·5	190	6·1	190	6·2	5·5	11
170	3·0	160	4·1	160	5·1	170	5·0	170	3·0	180	3·9	190	1·7	170	1·6	160	2·4	150	3·3	—	1·5	160	2·8	3·2	12
200	10·0	180	9·5	160	7·6	160	7·2	170	8·4	170	9·1	160	9·9	170	10·6	170	12·0	170	13·1	170	13·2	170	14·5	8·9	13
200	9·8	200	8·1	200	6·6	200	7·3	200	6·7	200	7·9	210	7·0	200	5·8	180	2·8	160	2·3	200	3·4	190	3·4	10·2	14
250	5·8	230	5·4	240	6·2	230	5·3	230	4·5	250	5·3	250	4·5	240	4·0	220	4·9	220	4·0	220	2·4	240	5·5	5·5	15
240	7·5	240	6·6	250	4·8	240	1·9	230	2·5	220	4·5	220	4·1	220	4·1	220	3·6	220	5·1	220	5·4	220	4·4	5·9	16
220	6·8	210	5·4	210	8·1	210	7·4	210	7·2	210	7·0	210	6·5	210	6·8	230	8·3	240	9·0	210	5·4	230	8·0	8·5	17
220	10·3	210	7·0	220	7·2	230	7·5	230	4·6	230	4·4	230	2·1	—	1·3	—	0·2	—	0·1	—	0·8	—	0·1	6·0	18
90	1·6	130	2·5	110	2·1	110	2·5	100	2·4	90	4·0	100	3·9	120	3·8	140	2·9	160	2·1	180	3·0	180	2·8	2·2	19
—	0·9	—	1·3	—	1·3	—	0·4	—	0·0	—	0·5	—	1·0	190	1·6	—	0·6	—	0·1	—	0·0	—	0·4	1·2	20
190	4·2	190	4·0	190	3·0	200	2·5	190	3·0	170	2·7	—	0·7	—	1·5	170	3·4	150	3·1	150	3·1	140	2·6	2·5	21
—	1·5	—	0·4	—	0·2	—	0·7	330	1·6	—	1·5	—	0·5	—	0·2	—	0·5	—	1·0	—	0·6	—	0·2	**0·7**	22
230	11·8	230	10·1	240	8·3	240	5·3	260	2·2	310	6·0	310	8·0	310	8·1	320	8·0	310	7·5	300	7·4	290	7·5	6·3	23
40	5·0	40	3·6	50	2·5	50	2·2	40	3·2	30	4·5	30	4·4	20	3·9	30	4·1	30	4·6	360	3·1	360	3·6	3·7	24
340	4·5	330	5·0	30	4·8	90	5·5	80	5·1	70	4·1	30	2·0	50	5·4	50	4·8	30	3·8	40	5·2	70	5·7	3·8	25
100	4·0	90	5·0	70	3·9	40	4·6	70	3·2	100	7·4	110	7·0	120	6·1	120	5·5	120	·24	90	2·4	100	3·9	4·1	26
100	5·4	100	4·8	100	4·1	80	2·8	70	1·7	—	1·5	—	1·0	90	3·2	110	3·4	—	0·6	—	0·6	—	0·4	3·5	27
150	2·0	150	2·9	150	2·1	150	2·3	150	3·8	150	3·5	190	4·9	220	5·8	210	5·4	210	6·5	210	6·6	190	4·0	2·4	28
270	9·9	260	11·0	260	11·1	280	11·2	270	10·4	270	9·5	270	10·0	260	11·3	270	12·8	260	12·5	250	12·4	260	13·0	10·7	29
250	13·5	250	14·0	250	14·0	240	13·6	240	14·0	240	13·2	230	12·1	230	14·2	230	15·7	230	15·9	230	16·7	230	13·1	**12·6**	30
260	8·3	270	7·1	270	6·5	270	6·1	270	6·8	270	7·5	270	7·6	270	7·4	270	5·6	290	10·6	310	12·5	290	10·0	8·1	31
—	7·0	—	6·6	—	6·3	—	5·9	—	5·9	—	6·2	—	5·7	—	6·0	—	5·9	—	6·0	—	5·7	—	5·7	6·0	

February, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
270	5·5	270	5·5	280	6·0	280	6·6	280	7·9	280	4·6	270	2·0	—	1·5	210	1·6	240	2·6	250	2·1	180	3·3	7·5	1
230	13·3	230	10·7	230	7·5	250	10·4	250	5·9	260	3·7	190	3·4	170	2·0	—	1·5	160	3·9	170	3·4	150	3·4	6·8	2
230	8·6	220	8·9	220	8·9	220	7·5	210	7·0	250	10·5	270	8·4	260	8·5	240	8·1	240	9·4	240	8·5	250	9·7	7·6	3
210	6·8	220	8·3	220	8·5	220	7·8	210	8·0	210	7·6	200	7·2	210	9·8	210	10·4	220	12·2	220	14·2	230	14·7	8·0	4
250	8·9	260	9·1	250	7·4	250	7·2	250	7·5	220	7·6	240	6·8	240	9·2	240	11·5	240	12·4	230	9·8	230	7·4	10·4	5
240	9·6	220	8·5	240	8·5	250	8·4	250	7·8	260	8·6	270	7·2	270	7·1	280	6·0	280	5·2	290	7·2	290	8·0	8·0	6
240	3·5	200	2·9	210	3·9	200	3·2	190	3·3	190	3·1	180	5·5	180	7·7	180	9·5	180	9·5	180	9·9	180	9·9	5·8	7
220	11·5	210	12·5	200	12·4	210	15·4	230	16·0	270	13·5	290	11·0	270	10·1	270	10·0	270	9·9	250	10·1	250	12·0	11·1	8
230	9·5	230	9·0	240	7·1	220	6·9	230	4·4	—	1·5	260	4·1	260	7·0	240	9·0	220	9·6	200	6·1	190	8·2	8·3	9
220	18·2	230	17·1	250	13·1	230	10·5	230	8·5	220	10·5	240	10·8	240	9·6	240	8·0	220	8·6	220	6·6	210	4·6	**11·7**	10
—	1·5	—	1·0	—	0·1	—	0·0	—	0·0	—	0·0	—	0·9	—	0·8	—	1·4	—	0·1	—	0·4	270	2·5	1·8	11
240	11·6	230	9·4	230	10·6	230	9·5	200	4·5	180	3·5	180	5·0	180	4·9	180	4·1	180	3·5	180	2·5	—	1·2	7·2	12
190	6·0	200	6·5	200	6·3	190	5·2	200	3·4	180	4·1	170	4·6	—	1·2	—	0·2	—	0·6	—	0·8	360	1·6	3·5	13
—	1·4	260	4·8	260	6·7	260	6·7	250	7·0	220	8·0	220	6·6	220	7·2	220	6·4	220	5·6	220	4·8	220	4·0	3·8	14
—	1·5	140	1·7	—	1·0	—	1·0	—	0·8	110	4·5	90	5·0	80	5·1	80	5·5	90	5·6	—	1·4	320	4·0	2·6	15
330	2·1	320	3·6	300	4·6	280	6·5	280	8·2	280	8·1	280	6·6	290	6·3	270	6·1	290	8·5	290	9·5	300	10·8	5·6	16
280	10·3	290	9·6	290	7·5	280	9·5	280	9·3	280	8·9	290	9·0	300	9·6	300	7·6	300	8·6	310	9·6	320	9·3	10·0	17
340	4·1	340	2·3	—	1·1	—	1·5	—	1·3	290	5·9	300	5·6	290	5·9	290	5·0	280	4·6	290	3·5	300	2·0	5·5	18
360	6·0	360	5·5	350	3·9	340	2·5	—	1·2	—	1·0	340	2·5	—	1·1	—	1·0	—	0·2	—	0·1	—	0·3	2·6	19
150	2·5	160	2·9	150	3·0	160	2·5	—	1·1	—	0·0	—	0·3	—	1·2	160	2·1	150	2·5	150	2·8	—	2·2	**1·2**	20
150	4·0	160	3·5	170	2·5	—	0·4	—	0·0	—	0·0	—	0·2	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	1·8	21
—	0·1	—	0·4	—	0·0	—	0·0	—	0·1	—	0·4	140	2·9	140	4·2	130	6·5	140	5·6	130	6·6	130	6·8	1·3	22
140	6·0	150	4·9	140	3·5	140	1·9	—	0·6	—	1·5	200	2·5	220	3·5	240	3·0	200	2·4	—	0·4	—	0·1	4·9	23
110	9·6	120	11·9	110	11·6	90	11·8	110	12·2	100	12·7	110	10·3	130	5·4	140	4·0	160	3·4	—	1·1	—	0·7	5·5	24
120	4·1	100	4·9	100	4·8	100	6·8	90	4·1	30	2·5	60	5·9	70	7·3	70	5·8	80	4·6	90	3·8	100	2·4	2·8	25
140	2·5	130	3·0	120	3·0	110	2·7	90	2·1	80	2·6	—	1·5	—	0·1	—	0·1	—	1·0	—	1·5	340	2·2	3·1	26
10	6·1	360	6·2	360	5·6	360	5·1	350	4·3	350	4·1	350	4·2	340	5·1	330	3·5	330	2·6	340	2·4	330	3·9	4·3	27
340	4·8	340	4·4	330	2·6	330	1·9	340	3·4	350	3·5	350	4·6	360	5·3	360	4·4	360	5·0	360	3·5	360	5·5	2·9	28
—	**6·4**	—	6·4	—	5·8	—	5·7	—	5·0	—	5·1	—	5·2	—	5·2	—	5·1	—	5·3	—	**4·7**	—	5·0	5·6	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

† Defective Record.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°). Speed in metres per second.

185. Eskdalemuir : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	360	6·0	360	6·6	360	8·1	360	9·1	360	10·0	360	11·1	360	12·0	360	11·8	360	11·1	360	10·4	360	9·6	360	8·0
2	20	8·6	20	8·1	20	5·6	360	10·1	360	10·1	360	10·9	360	9·4	360	7·0	360	8·0	360	6·1	10	8·5	360	6·1
3	360	4·1	360	4·1	360	7·8	360	7·4	360	5·6	360	5·8	360	5·2	360	5·0	360	5·9	360	6·0	360	6·6	360	6·7
4	340	2·6	—	0·8	—	0·2	330	3·5	320	3·6	—	0·2	—	0·2	—	0·1	—	0·2	—	0·1	340	2·5	340	2·4
5	—	0·3	—	1·1	270	5·2	280	2·6	270	5·0	250	4·4	280	4·2	250	6·2	220	6·5	160	8·0	230	5·7	190	6·4
6	270	9·6	270	11·0	270	9·5	270	6·0	270	6·9	270	9·1	270	8·9	270	7·5	270	7·1	270	7·1	270	5·2	260	4·9
7	270	5·5	270	7·5	270	7·5	270	8·4	270	9·5	270	8·3	270	9·5	270	7·5	270	9·1	270	9·5	270	9·4	270	8·7
8	260	7·0	260	7·6	270	7·5	270	7·4	280	7·9	290	7·8	290	8·6	300	9·8	330	8·0	340	11·6	340	11·4	330	10·9
9	290	7·1	290	6·5	290	6·2	300	7·3	290	9·9	290	8·6	290	10·5	290	11·7	290	11·0	290	9·4	290	9·4	300	8·8
10	320	6·6	320	5·2	300	5·0	300	4·7	300	4·9	340	3·4	310	2·4	300	2·5	310	3·0	290	4·5	280	4·6	270	5·5
11	310	7·0	320	7·2	330	5·4	340	5·4	340	2·0	340	3·3	330	2·7	340	4·0	360	4·8	30	4·8	40	5·2	50	4·0
12	350	4·0	340	4·0	350	5·2	350	4·1	350	4·5	350	4·5	350	4·1	360	4·9	360	5·0	60	5·5	70	3·4	90	2·1
13	240	6·0	230	7·8	210	5·5	210	3·5	210	4·9	200	3·9	190	5·2	200	6·9	190	5·0	210	7·8	210	7·9	210	6·7
14	260	4·1	270	5·6	260	6·1	260	7·0	260	7·4	260	6·5	260	9·1	260	9·5	270	12·5	270	9·8	280	8·5	270	7·0
15	—	0·5	—	0·9	—	0·4	—	0·5	280	2·1	290	3·3	—	0·5	—	0·6	310	1·8	310	3·1	—	0·5	310	2·1
16	—	0·1	—	0·1	—	0·1	—	0·0	—	0·0	—	0·0	—	1·5	200	5·0	200	5·4	210	5·2	210	6·0	320	6·5
17	230	1·7	250	3·0	270	3·1	280	6·2	270	4·6	260	3·4	260	2·6	260	3·1	260	3·5	270	3·6	270	3·5	270	3·1
18	—	0·1	—	0·8	—	0·7	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	220	2·1	210	2·6
19	—	0·7	—	0·3	—	1·5	250	1·6	—	1·5	260	2·0	250	3·9	260	5·0	250	5·1	260	6·6	260	7·7	270	8·0
20	290	5·1	300	4·4	340	4·6	360	3·9	360	2·5	360	1·6	—	0·7	—	0·5	—	0·6	300	2·7	340	2·0	350	1·8
21	330	2·2	340	4·0	330	3·1	330	2·5	330	3·7	340	2·0	—	0·6	340	2·0	340	3·1	340	6·5	330	6·9	340	5·4
22	350	5·6	350	5·5	360	4·5	360	4·6	360	5·9	360	7·0	350	5·0	350	3·7	350	4·7	350	4·9	340	4·0	340	3·5
23	—	0·1	210	3·1	230	3·5	—	1·1	—	1·0	230	6·4	210	5·5	180	4·6	220	7·5	200	6·5	210	8·0	230	9·1
24	240	3·4	260	2·6	270	4·6	240	3·1	230	4·6	230	4·5	250	3·4	250	3·8	290	4·6	310	6·0	310	6·5	310	8·5
25	330	6·2	330	7·5	330	7·4	340	6·6	350	7·6	360	6·7	350	7·9	360	8·8	360	10·8	360	13·6	360	12·1	360	9·9
26	40	7·9	40	6·9	40	6·0	40	5·4	40	5·3	40	7·0	30	7·2	30	5·9	40	4·5	50	4·4	50	4·7	50	3·7
27	—	1·3	—	0·8	—	0·5	—	0·5	—	0·2	—	0·1	—	0·1	—	0·1	—	0·4	80	1·8	—	1·0	—	0·9
28	50	6·5	40	5·0	30	7·0	40	7·1	40	4·9	30	5·1	30	5·5	30	6·1	30	6·1	40	5·4	30	5·1	30	5·4
29	310	7·0	280	3·8	310	5·4	310	9·9	320	11·7	320	12·8	310	10·9	270	5·5	260	3·4	240	3·6	260	3·5	240	3·9
30	230	8·0	220	7·4	210	7·0	230	9·9	230	9·5	230	10·0	240	9·9	230	9·2	240	10·0	230	11·8	230	13·0	230	14·5
31	230	12·1	230	11·3	230	10·5	230	12·0	230	12·1	220	9·1	220	9·5	220	9·6	220	10·2	220	9·4	210	10·0	210	10·1
Mean ...	—	4·7	—	4·9	—	5·0	—	5·2	—	5·5	—	5·5	—	5·4	—	5·4	—	5·8	—	6·3	—	6·3	—	6·0

186. Eskdalemuir : H_a = 235 metres + 15 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	330	8·1	330	6·5	340	4·2	360	3·5	360	4·4	360	2·3	—	0·5	—	1·1	240	2·5	240	5·5	240	6·1	240	6·3
2	230	9·4	230	9·9	220	9·4	220	8·5	230	11·0	220	11·4	220	11·2	220	11·0	220	10·6	230	11·1	240	10·5	260	8·1
3	—	0·1	—	0·5	—	0·5	—	0·2	—	0·1	—	0·1	—	0·1	—	0·5	170	3·0	200	4·5	230	5·0	240	4·9
4	—	0·0	—	0·0	—	0·3	180	1·6	190	4·2	200	5·0	200	4·9	190	5·8	170	9·0	170	10·6	170	11·1	170	10·5
5	140	5·0	140	5·0	140	5·1	150	6·1	140	4·9	150	5·5	140	5·1	130	6·2	130	6·5	140	6·0	140	6·0	150	6·4
6	90	4·2	90	4·9	80	6·1	90	6·0	110	7·1	120	7·0	130	6·9	130	6·0	140	5·4	160	3·6	160	3·6	200	3·9
7	340	1·9	340	1·6	—	1·4	—	1·5	350	1·9	—	1·5	340	1·7	—	0·4	—	1·3	60	2·5	60	2·2	—	0·8
8	—	0·7	—	0·4	—	0·5	—	0·3	—	0·5	—	0·2	—	0·1	—	0·0	—	0·0	—	0·1	—	0·1	—	0·8
9	350	2·1	350	2·3	350	3·2	350	4·0	350	3·0	350	3·4	—	0·9	180	2·1	160	5·5	160	5·5	160	5·5	160	6·6
10	170	4·0	170	2·0	—	0·4	—	1·0	180	1·9	170	3·2	170	4·0	170	4·1	180	2·9	200	2·5	210	1·7	210	3·0
11	—	1·5	—	1·1	350	2·8	340	2·9	340	2·3	—	1·2	—	0·5	340	1·6	360	1·6	40	1·6	50	1·7	—	0·9
12	—	0·0	—	0·0	—	0·0	—	0·1	—	0·1	—	0·1	—	0·0	—	0·0	240	3·0	230	3·5	210	3·8	220	4·5
13	220	4·8	210	5·3	200	6·5	180	6·7	180	5·1	180	4·6	190	8·0	190	7·6	200	10·6	240	8·1	260	7·6	250	8·8
14	260	6·8	270	7·0	260	4·6	220	4·0	230	3·5	240	3·7	240	3·9	240	4·6	230	5·1	230	5·8	230	6·8	230	6·9
15	240	13·6	250	12·2	240	10·7	230	11·9	250	12·0	250	13·4	240	13·5	250	14·4	260	16·6	260	15·0	260	14·5	270	15·5
16	250	14·1	250	15·4	260	14·0	270	11·0	280	9·5	320	9·9	340	12·5	350	10·6	340	8·8	320	9·7	310	7·6	300	6·1
17	300	10·9	300	11·6	300	7·6	170	2·0	300	5·2	290	7·6	280	6·8	280	5·5	270	6·5	280	9·0	280	7·8	280	5·2
18	200	7·6	210	8·4	210	8·4	220	9·0	210	9·8	220	9·3	220	9·6	220	8·6	210	7·5	220	5·0	150	5·6	30	7·4
19	40	7·8	40	8·9	30	8·5	30	9·6	30	8·0	30	8·5	30	10·9	30	12·4	30	11·8	40	11·0	40	10·2	40	6·6
20	—	0·1	—	0·1	—	0·1	—	0·0	—	0·0	—	0·0	—	0·1	—	0·1	—	0·4	—	0·6	350	2·0	350	2·1
21	—	0·2	—	0·1	—	0·1	—	0·1	—	0·1	—	0·1	—	0·1	—	0·1	—	1·9	200	3·6	200	4·0	200	4·7
22	220	10·2	220	9·5	220	8·4	230	9·8	250	9·9	260	5·4	250	4·6	220	5·1	220	6·9	240	6·9	230	8·1	220	10·2
23	270	8·1	260	7·7	260	7·7	260	7·5	260	6·5	250	6·6	240	9·5	250	9·3	250	10·0	260	9·0	250	9·6	240	10·0
24	190	2·5	190	3·8	210	3·1	230	4·8	230	4·5	240	4·6	230	5·1	250	7·0	280	6·2	270	6·5	280	5·9	300	7·4
25	230	2·5	230	3·5	250	3·4	250	4·5	250	3·0	190	1·9	200	2·0	220	3·1	260	3·3	290	6·4	280	5·8	290	5·5
26	340	1·9	310	1·6	—	0·4	—	1·4	320	5·2	310	5·4	300	8·3	310	8·1	310	8·1	320	7·8	320	6·9	310	5·8
27	360	4·0	360	3·2	360	3·4	360	3·0	350	3·1	350	2·5	360	4·1	70	5·3	70	4·5	80	5·0	70	5·0	100	5·0
28	40	5·1	4·0	4·4	30	4·9	30	5·5	30	5·6	30	6·3	30	7·0	40	6·9	20	6·8	30	6·2	20	5·2	30	5·0
29	10	3·4	360	1·9	360	1·8	360	2·0	—	1·2	—	1·1	30	1·6	70	2·2	80	2·6	—	1·5	—	0·9	—	0·6
30	—	1·5	—	1·1	—	0·6	—	1·0	—	1·0	—	0·8	—	1·0	360	3·0	60	3·8	60	4·1	50	4·5	60	2·7
Mean ...	—	4·7	—	4·7	—	4·3	—	4·3	—	4·5	—	4·4	—	4·8	[illegible]	5·1	—	5·8	—	5·9	—	5·8	—	5·7
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 235 metres + 15 metres.

March, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
360	7·6	360	9·1	360	9·0	360	11·1	360	11·5	360	11·9	360	12·5	360	11·0	360	11·3	360	10·6	360	9·6	360	9·2	9·8	1
40	7·5	20	6·6	360	6·5	360	6·5	360	4·9	360	5·0	360	4·1	360	6·5	360	6·5	360	4·9	360	5·5	360	4·6	7·1	2
360	6·4	360	6·1	360	5·5	360	5·4	360	4·4	360	4·0	360	3·5	360	3·6	360	3·4	360	3·4	350	2·5	—	1·3	5·1	3
300	2·9	290	4·1	300	5·6	310	3·4	290	3·1	—	1·4	—	0·6	—	0·1	—	0·4	—	0·2	—	0·1	—	0·1	1·6	4
260	6·9	280	13·7	270	11·0	270	9·5	260	6·1	240	3·5	240	5·9	250	8·6	270	11·2	250	10·0	250	9·5	260	8·4	6·5	5
260	6·0	270	7·5	270	8·4	270	9·7	270	7·1	270	5·1	260	6·1	270	10·4	270	9·9	270	6·2	270	5·5	270	7·8	7·6	6
280	8·3	270	8·9	270	9·0	270	9·8	260	8·9	270	9·0	250	7·9	250	7·1	250	8·0	260	8·1	260	8·2	270	7·0	8·4	7
320	9·6	320	7·4	300	8·1	300	7·9	300	7·0	310	6·6	320	6·5	310	6·0	300	6·0	290	6·3	280	6·2	290	6·6	7·9	8
300	9·9	310	8·6	310	9·9	320	9·5	320	8·2	320	8·0	320	7·0	330	6·6	320	6·6	320	7·1	320	8·9	310	8·1	8·5	9
270	4·0	270	4·2	230	4·4	180	3·8	190	4·0	180	4·0	190	1·8	—	1·0	300	5·5	290	7·4	290	5·7	290	5·2	4·4	10
30	4·0	10	4·5	360	4·3	350	4·4	340	3·4	340	2·0	330	2·6	340	3·2	340	2·7	350	3·7	340	3·8	350	3·0	4·1	11
120	1·6	—	1·5	190	1·8	—	1·5	230	3·4	230	2·6	—	0·4	—	0·5	—	0·5	—	1·5	220	3·6	210	3·0	3·1	12
240	7·0	260	7·5	260	5·9	280	6·6	280	6·4	270	6·5	270	9·3	270	10·0	270	7·4	260	5·2	250	6·2	250	5·0	6·4	13
270	4·9	270	6·7	280	6·5	270	5·5	270	5·2	270	5·8	280	6·0	290	5·2	290	6·4	300	4·9	290	5·1	300	4·6	6·7	14
—	1·1	260	3·5	250	5·0	260	3·8	260	4·2	260	5·2	300	5·1	300	3·9	—	0·9	250	2·0	—	1·5	—	0·0	2·3	15
250	5·4	260	5·1	260	4·6	260	4·9	250	4·5	250	4·0	260	3·4	260	3·2	270	4·3	170	1·8	—	0·9	—	1·1	3·0	16
280	5·9	270	4·6	280	4·1	280	5·5	280	4·5	280	3·9	270	4·0	270	4·8	270	2·7	—	0·6	—	0·2	—	0·0	3·4	17
230	3·9	220	4·4	260	3·4	260	4·0	260	3·0	—	1·0	260	1·6	—	1·2	250	2·0	240	2·5	260	2·1	260	1·7	**1·5**	18
280	9·1	280	8·2	280	8·1	270	6·2	210	2·5	230	2·2	250	2·6	230	2·8	250	3·5	260	4·0	—	0·9	300	3·5	4·0	19
350	3·2	290	2·5	270	3·0	290	3·4	—	1·0	—	0·8	—	0·5	—	1·5	20	2·8	10	3·5	20	3·4	350	2·5	2·5	20
340	4·2	340	6·1	360	3·5	360	4·8	360	4·8	360	1·8	—	0·6	—	1·4	320	3·7	330	3·4	340	5·8	350	4·9	3·6	21
340	3·0	320	2·5	320	2·1	320	1·6	—	0·5	—	0·1	—	0·1	—	0·0	—	0·1	—	0·0	—	0·0	—	0·0	3·0	22
280	6·5	310	7·1	310	6·0	290	5·3	300	4·4	300	4·0	300	3·1	280	1·6	280	3·4	280	2·5	250	2·5	240	3·8	4·4	23
320	9·6	320	10·5	310	7·8	310	3·6	310	4·1	—	0·5	310	3·7	340	4·0	360	2·8	360	1·8	360	3·6	330	7·8	4·7	24
360	9·9	20	10·1	30	10·1	30	10·9	40	12·6	40	11·6	40	9·6	40	9·4	40	7·9	40	8·4	40	7·8	50	8·3	9·2	25
50	2·8	60	3·0	80	4·1	90	3·1	80	2·4	—	1·1	—	0·4	—	0·8	—	1·1	10	1·6	10	2·1	20	1·9	4·0	26
—	0·2	—	1·2	320	3·0	340	3·1	340	3·1	340	3·5	340	3·7	—	1·0	360	2·5	50	4·6	50	4·9	50	5·0	1·7	27
30	4·6	10	3·6	350	3·0	310	3·1	300	5·0	290	4·8	300	4·6	300	4·0	—	1·0	280	2·3	300	6·4	300	5·8	4·9	28
250	4·0	270	6·5	260	8·0	270	10·0	270	10·7	270	10·6	270	11·5	260	11·3	250	8·0	260	8·9	250	6·1	230	5·6	7·6	29
230	16·1	230	17·0	230	16·4	230	16·2	220	14·0	220	14·6	220	14·4	220	13·1	230	12·9	230	14·8	230	13·0	230	12·4	**12·2**	30
210	10·5	210	11·6	210	13·0	210	13·2	210	13·6	250	6·5	220	2·4	230	2·4	350	4·8	350	4·9	340	7·5	320	9·0	9·5	31
—	6·0	—	**6·6**	—	6·5	—	6·4	—	5·8	—	4·9	—	**4·7**	—	4·7	—	4·9	—	4·7	—	4·8	—	4·7	5·4	

April, 1925.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
240	6·0	240	6·9	230	8·2	220	9·5	220	8·1	220	6·6	210	5·7	200	7·6	210	8·2	210	7·5	200	7·2	200	6·1	5·8	1
290	4·7	320	4·5	350	3·7	360	4·0	360	3·4	360	2·1	20	1·8	20	2·1	10	2·2	—	0·5	—	1·4	—	0·4	6·5	2
250	4·8	260	4·9	270	4·8	280	3·0	270	3·3	280	3·2	270	1·9	—	1·0	240	3·0	210	2·2	—	1·0	—	0·2	2·2	3
180	9·2	170	8·6	170	8·6	170	7·4	160	6·2	170	4·9	150	2·6	150	3·0	150	5·0	140	4·5	140	4·9	140	4·5	5·4	4
150	6·5	150	5·6	150	6·6	150	7·9	160	5·4	160	3·8	170	2·5	—	1·4	—	0·1	—	0·0	120	1·6	80	3·2	4·7	5
210	2·9	210	4·4	220	4·0	220	4·3	210	4·1	190	2·6	—	1·5	—	0·5	—	0·4	—	0·9	—	0·2	—	0·5	3·9	6
60	1·7	—	0·1	20	2·0	90	2·2	80	2·3	—	0·9	—	0·9	—	1·0	—	0·7	—	1·5	—	1·1	—	0·5	1·4	7
—	1·5	—	0·7	—	0·1	—	0·1	—	0·3	—	0·4	—	0·1	—	0·7	—	1·0	350	2·6	350	2·5	350	1·6	**0·6**	8
150	6·2	140	6·6	120	8·0	120	9·4	160	4·4	130	2·5	130	5·7	120	6·4	140	3·5	150	2·7	150	4·8	160	4·6	4·5	9
200	2·4	220	1·7	—	1·5	—	0·5	—	0·2	—	0·1	—	0·5	—	0·6	340	2·4	350	1·8	—	0·3	350	1·8	1·9	10
180	2·2	—	1·2	200	3·0	220	4·5	240	4·6	240	2·8	240	1·8	—	0·1	—	0·2	—	0·1	—	0·1	—	0·0	1·7	11
240	4·7	240	4·6	220	5·2	210	5·5	220	5·2	230	4·2	210	3·3	120	1·6	—	0·0	—	0·0	—	0·1	210	5·0	2·2	12
260	9·7	250	9·5	250	11·6	250	11·2	250	10·9	240	9·8	240	9·0	250	9·7	250	9·4	250	10·2	260	8·9	260	7·1	8·3	13
210	8·2	210	8·4	200	8·0	200	8·4	210	6·6	210	5·2	190	3·4	180	4·7	160	5·5	160	6·6	170	7·1	180	8·5	5·9	14
270	14·7	270	14·4	260	13·5	260	12·0	250	9·6	250	10·2	250	8·9	230	6·9	220	6·5	220	9·5	220	12·3	230	13·5	**12·2**	15
310	5·5	300	6·0	300	6·6	300	7·9	300	8·0	300	8·5	300	8·5	300	10·0	300	10·6	300	11·3	310	10·5	300	12·6	9·8	16
270	6·5	270	6·5	270	6·0	280	4·4	240	7·5	260	5·5	240	6·2	210	4·8	210	2·6	200	3·9	200	4·5	200	5·6	6·4	17
30	8·0	30	8·6	30	10·0	30	11·6	30	12·4	30	12·3	30	12·7	30	10·9	30	10·4	30	9·6	30	10·4	30	8·8	9·2	18
50	6·3	40	7·0	50	6·9	50	6·0	50	5·0	50	3·8	—	1·0	—	0·8	—	1·4	360	1·8	—	1·4	—	0·4	6·7	19
—	1·5	—	1·4	60	2·1	60	5·5	60	6·1	50	4·8	—	0·5	—	0·4	—	1·4	—	1·0	—	1·0	—	0·5	1·3	20
210	5·5	210	6·4	220	7·4	220	7·0	220	4·9	210	3·0	200	3·4	—	0·5	—	1·4	220	4·7	200	5·0	200	7·9	2·9	21
210	11·5	210	12·9	210	14·9	210	15·6	210	17·3	210	17·3	210	18·6	210	17·6	210	15·9	230	13·6	260	10·0	260	8·6	11·2	22
250	10·1	240	10·3	250	8·4	250	9·0	250	6·4	270	3·6	200	3·0	220	3·1	250	6·8	260	9·2	240	3·9	180	2·6	7·5	23
290	6·4	290	6·6	290	7·1	290	6·4	290	4·2	290	4·2	280	2·4	270	2·5	270	2·7	260	2·9	240	2·4	230	2·5	4·7	24
290	6·5	300	7·6	300	7·6	290	7·5	290	6·6	290	7·2	290	7·8	310	8·5	310	6·1	310	7·9	310	6·0	310	5·9	5·3	25
310	5·5	320	8·8	310	7·1	320	8·0	310	6·4	330	6·2	340	5·2	350	3·6	360	4·1	350	2·8	360	3·9	—	1·5	5·3	26
90	5·5	80	5·2	60	6·2	50	7·2	40	6·8	40	7·8	40	6·6	40	6·4	40	5·1	40	4·6	40	4·8	40	5·1	4·9	27
20	4·5	260	3·4	350	3·4	360	3·4	360	2·0	—	1·0	—	0·4	340	2·2	360	3·0	10	2·8	10	5·1	10	4·4	4·4	28
90	2·0	—	1·3	50	4·4	90	2·0	50	1·9	50	1·6	—	0·4	—	0·2	—	0·4	—	0·8	—	0·4	—	0·5	1·6	29
40	2·5	40	2·7	40	4·0	40	3·9	30	5·4	40	5·9	30	5·6	20	5·4	20	5·6	20	4·9	20	5·7	20	5·8	3·3	30
—	5·8	—	5·9	—	6·4	—	**6·5**	—	5·9	—	5·1	—	4·4	—	4·1	—	4·2	—	4·4	—	4·3	—	4·3	5·1	
13.		14.		15.		16.		17.		18.		19.		20		21.		22.		23.		24.		Mean	Day.

Direction expressed in degress from North ($E = 90°$, $S = 180°$, $W = 270°$, $N = 360°$). Speed in metres per second.

187. Eskdalemuir : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	20	5·5	20	4·4	20	6·4	20	6·5	20	7·0	20	7·6	20	8·0	20	7·2	20	6·6	40	6·6	30	5·2	40	4·9
2	—	0·1	—	0·0	—	0·1	—	0·3	—	0·3	—	0·0	—	0·0	—	0·0	—	0·8	210	2·3	220	4·5	220	5·9
3	230	2·9	220	3·1	220	3·0	220	2·0	220	3·1	220	3·5	220	4·0	210	4·9	210	6·1	220	7·1	210	7·0	210	5·6
4	170	3·4	160	3·6	160	3·0	160	2·5	160	3·4	160	3·6	160	4·0	160	3·9	160	4·9	160	4·5	170	4·0	170	3·8
5	200	2·0	—	1·5	—	0·2	—	0·0	—	0·0	—	0·6	250	3·4	280	2·6	270	2·2	—	1·5	260	2·2	—	1·5
6	30	1·6	20	3·5	20	3·8	30	3·9	50	4·2	40	5·5	50	5·1	50	4·1	50	4·4	—	1·4	110	1·6	120	2·9
7	70	2·0	80	3·4	70	6·2	50	4·7	50	5·0	60	5·8	50	5·5	60	7·7	70	9·5	70	7·5	70	8·4	60	9·9
8	70	3·1	—	1·5	60	3·6	60	4·4	50	4·7	50	4·8	60	6·6	60	5·1	70	5·4	80	5·3	90	3·7	110	4·7
9	—	1·1	—	1·4	—	0·9	—	0·8	—	0·4	—	0·4	—	0·9	50	1·6	60	2·6	70	3·4	90	2·1	—	0·9
10	50	1·7	50	2·1	—	1·5	—	1·4	20	2·0	—	0·8	20	1·6	40	2·6	60	2·5	—	1·5	—	0·6	—	1·1
11	210	4·0	200	4·0	190	3·1	190	3·6	190	5·1	200	8·0	200	9·4	200	11·0	200	11·9	210	10·9	210	11·1	220	11·6
12	200	3·2	220	5·0	220	5·1	220	4·9	230	4·6	220	4·0	220	4·5	220	4·9	220	6·0	220	8·0	210	9·5	210	10·0
13	300	2·5	290	3·1	—	0·9	—	0·6	—	0·2	—	0·3	—	1·5	—	1·4	—	1·5	—	1·5	210	2·9	190	2·4
14	10	3·0	360	4·7	350	2·6	360	2·4	—	0·1	—	0·1	350	1·6	350	3·2	30	4·0	60	2·9	80	3·0	90	2·7
15	30	2·1	30	2·4	20	1·8	10	2·5	—	1·4	20	2·0	—	1·5	—	1·5	—	0·8	—	0·8	170	2·4	190	4·9
16	220	4·6	—	1·5	210	2·3	220	2·4	—	0·5	230	3·6	210	4·9	210	3·1	200	3·1	—	1·0	—	0·6	—	0·8
17	220	8·9	220	9·6	210	6·6	200	5·5	210	4·5	230	4·9	220	4·9	230	3·5	210	3·1	220	3·6	220	3·5	240	3·3
18	40	7·0	20	4·6	20	4·5	20	4·2	20	4·5	20	4·6	30	4·0	30	4·8	40	5·5	50	2·6	40	3·5	30	4·6
19	30	3·1	20	4·5	20	3·2	20	4·5	20	5·9	40	5·6	50	9·2	50	7·0	50	6·0	40	6·6	30	5·1	40	5·5
20	—	1·0	—	1·1	—	1·1	—	1·5	—	0·5	—	0·2	—	0·2	—	1·1	—	1·0	—	0·5	200	2·8	220	3·2
21	—	0·5	—	0·4	—	0·4	—	0·4	—	0·5	—	0·3	210	2·4	210	3·6	210	3·8	220	4·4	210	6·0	210	6·3
22	—	0·3	—	0·4	—	0·8	—	0·4	—	0·5	—	0·7	—	0·3	—	0·3	190	2·1	200	2·7	210	2·4	210	2·3
23	360	2·4	360	4·2	360	4·7	360	4·0	350	3·9	350	5·2	50	6·5	50	6·7	50	7·2	60	6·5	100	5·9	90	7·6
24	60	5·2	50	6·3	50	6·4	50	7·3	50	7·5	50	9·3	50	10·7	50	10·6	40	9·9	50	11·2	50	11·7	50	10·5
25	360	3·5	360	3·6	360	2·8	350	2·4	360	3·2	350	3·0	360	2·6	350	3·5	350	3·6	360	4·0	360	4·0	360	4·6
26	10	1·8	30	2·0	30	2·3	20	1·9	—	1·4	—	1·1	—	1·4	—	1·0	—	0·9	—	1·4	180	2·7	200	4·9
27	190	9·0	190	8·4	160	4·7	160	4·7	160	4·7	160	5·4	170	8·0	190	11·5	200	11·2	210	10·0	220	9·9	240	9·5
28	160	5·4	180	5·4	180	5·7	180	6·0	180	5·6	190	5·4	170	5·4	180	6·0	220	5·6	220	6·8	250	10·0	230	9·8
29	210	11·3	210	11·3	210	13·1	210	12·2	220	11·1	230	12·1	230	12·8	230	11·0	230	11·6	240	10·1	250	10·1	240	10·0
30	250	9·5	240	8·9	240	10·3	230	12·0	230	12·3	240	12·0	240	13·5	240	15·8	230	15·1	240	15·5	230	14·0	230	14·7
31	230	11·7	230	11·8	230	14·5	230	14·7	240	12·8	230	9·3	240	12·0	240	12·3	240	12·3	240	10·8	230	10·9	230	10·5
Mean ...	—	4·0	—	4·1	—	4·1	—	4·0	—	3·9	—	4·2	—	5·1	—	5·3	—	5·5	—	5·3	—	5·5	—	5·8

188. Eskdalemuir : $H_a = 235$ metres + 15 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	220	6·4	240	4·9	230	3·5	220	5·6	220	6·5	230	7·1	230	8·2	230	8·7	240	8·1	240	7·3	230	8·0	230	10·0
2	240	4·2	240	5·0	240	4·6	230	3·2	230	3·5	220	3·6	240	5·0	230	5·3	240	7·3	240	7·5	260	7·0	260	7·5
3	230	2·3	230	2·4	210	2·7	210	3·1	210	4·3	220	4·8	200	6·3	200	8·7	210	10·5	210	9·8	210	11·1	210	10·0
4	210	3·4	230	4·9	230	3·5	200	3·0	210	5·5	220	4·2	210	5·6	210	6·5	210	5·6	220	4·8	200	5·3	210	6·0
5	—	0·0	—	0·1	—	0·5	—	0·8	—	0·4	220	2·0	210	4·8	200	3·6	200	4·0	200	4·2	190	5·3	200	5·0
6	—	1·5	—	1·3	—	1·4	—	0·5	340	2·1	350	1·6	—	1·1	—	1·2	—	0·8	—	1·5	230	3·1	240	2·9
7	360	3·0	360	3·1	360	3·4	360	2·5	360	2·6	360	2·9	360	2·3	360	2·6	360	2·9	50	2·6	60	2·2	80	2·2
8	—	1·0	—	1·1	350	2·0	—	1·4	350	3·0	350	2·6	360	2·6	360	2·2	360	4·4	60	4·1	60	4·5	70	5·2
9	—	1·3	—	1·0	360	2·8	360	3·0	360	1·9	—	0·4	—	0·1	—	0·0	—	0·4	150	2·2	150	2·9	150	3·0
10	—	0·0	—	0·1	—	0·1	—	0·1	—	0·1	—	0·0	—	0·0	—	1·1	230	2·8	230	3·5	240	3·6	240	4·0
11	350	3·0	360	2·1	—	1·5	—	1·5	—	0·8	—	0·1	—	0·1	—	0·0	310	3·6	290	3·8	290	4·0	280	4·5
12	350	2·8	350	2·8	360	2·7	360	1·8	—	1·4	360	2·1	360	1·9	—	1·0	—	1·3	60	2·0	40	2·4	70	2·5
13	—	0·0	—	0·0	—	0·0	—	0·1	—	0·1	—	0·1	200	2·1	290	6·4	280	5·9	290	5·6	280	5·7	280	5·4
14	280	7·0	310	5·0	—	0·9	—	1·0	—	0·1	—	0·0	—	0·0	—	0·8	—	0·6	—	1·0	340	2·1	350	2·8
15	280	2·2	300	2·0	—	1·5	260	2·5	250	3·7	250	4·2	190	2·6	220	4·4	220	5·1	230	6·3	220	5·7	230	5·3
16	260	3·3	270	4·2	260	3·0	220	3·5	220	3·7	260	4·9	270	4·7	290	6·0	270	4·5	290	6·5	270	7·5	270	8·5
17	310	4·3	310	5·1	310	5·9	—	0·8	—	1·2	320	4·5	320	6·0	330	4·5	340	4·3	340	3·8	350	3·2	320	3·0
18	310	2·1	290	4·9	280	3·2	130	3·0	330	3·5	330	3·4	350	5·4	350	7·3	360	8·9	340	6·3	340	6·9	340	6·0
19	60	1·9	—	0·4	—	0·1	—	0·3	—	0·6	—	0·5	—	0·7	100	2·2	170	2·4	230	3·9	240	4·0	250	4·0
20	230	1·6	260	3·1	260	2·0	290	3·3	290	3·2	290	3·6	280	4·6	290	6·1	300	6·5	300	3·5	320	5·1	320	4·1
21	330	3·7	330	1·6	—	1·0	—	1·3	—	1·0	330	3·3	320	5·0	340	6·9	360	6·4	360	8·1	360	8·4	360	7·0
22	350	2·1	340	2·1	—	0·1	—	0·5	—	0·0	—	0·4	340	4·3	330	4·5	360	4·7	30	4·8	20	4·0	40	4·0
23	350	2·9	—	1·5	30	1·7	20	1·9	10	3·5	10	3·7	10	4·5	30	5·1	20	6·1	30	7·5	30	7·2	20	8·0
24	350	3·5	320	3·1	330	3·7	330	2·8	340	2·3	20	5·4	10	7·0	10	7·3	10	8·7	30	7·6	20	7·4	20	7·6
25	350	2·4	360	1·9	350	2·0	—	1·2	—	0·5	50	4·0	40	4·8	30	5·5	30	5·2	30	5·2	40	5·6	40	5·6
26	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	1·5	310	2·1	340	3·1	340	4·5	360	6·8	360	5·8
27	20	3·3	20	5·2	350	4·0	10	3·2	20	4·1	20	5·0	20	6·1	20	7·2	20	6·7	20	8·0	30	5·8	40	5·0
28	—	0·6	—	0·5	—	0·6	—	0·3	—	0·3	—	0·3	—	0·8	260	3·6	260	3·0	250	3·2	240	2·0	230	3·1
29	—	0·0	—	0·0	—	0·5	—	1·4	—	1·0	170	2·0	190	3·6	190	4·5	190	5·1	190	5·5	190	6·3	200	7·5
30	180	4·5	180	4·0	180	4·8	190	5·4	200	5·6	190	6·3	190	6·4	190	7·0	200	7·7	200	7·3	190	7·5	200	7·0
Mean ...	—	2·5	—	2·5	—	2·1	—	**2·0**	—	2·2	—	2·8	—	3·6	—	4·4	—	4·9	—	5·1	—	5·3	—	5·4
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 235 metres + 15 metres.

May, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
30	4.8	30	3.3	—	1.5	—	1.0	—	1.5	300	1.6	—	1.5	—	0.0	—	0.1	—	0.1	—	0.0	—	0.0	3.9	1
220	5.8	230	6.4	260	8.0	250	7.9	240	7.2	240	7.0	240	6.1	230	5.0	230	4.6	230	3.9	230	4.5	230	3.6	3.4	2
200	5.2	190	5.1	190	5.0	210	4.0	200	2.8	190	4.0	180	3.0	170	2.5	170	2.9	170	3.4	170	3.3	170	4.1	4.1	3
170	3.0	200	4.5	210	4.8	220	3.1	—	1.5	—	0.1	—	0.3	220	3.5	220	3.9	—	0.8	—	0.8	—	0.2	3.0	4
—	1.5	—	1.1	—	1.0	—	1.0	90	4.5	120	5.5	—	0.4	100	3.5	80	4.6	90	3.5	120	2.1	—	0.5	1.9	5
120	5.0	130	5.5	130	8.5	130	6.8	100	7.0	100	5.9	110	4.0	110	2.5	100	5.3	80	4 5	80	6.5	40	3.1	4.4	6
60	8.6	60	9.4	50	9.1	50	8.4	50	8.7	50	8.2	60	7.0	50	5.8	60	5.5	60	5.2	60	4.8	70	4.9	6.7	7
110	6.0	120	5.7	90	4.6	60	3.0	70	4.1	60	6.5	50	6.5	50	5.5	50	4.8	100	4.1	150	3.5	160	2.5	4.6	8
—	0.2	220	2.5	—	0.3	—	0.1	—	0.2	—	0.4	70	1.6	—	1.4	40	1.6	—	1.0	—	1.4	50	2.6	**1.2**	9
—	0.8	260	1.8	260	2.6	220	3.4	220	4.1	240	4.6	240	3.0	240	2.4	—	0.1	—	0.1	—	0.5	210	3.4	1.9	10
220	9.5	250	7.7	240	6.2	250	7.0	260	8.5	260	8.0	250	7.2	250	5.9	230	5.2	230	5.6	210	3.0	180	2.1	7.1	11
210	10.0	210	9.4	210	7.9	210	8.2	210	11.0	210	11.6	220	10.2	220	10.6	220	9.5	240	9.2	240	4.1	300	3.5	7.3	12
220	3.6	220	3.2	230	3.0	220	3.2	220	2.6	220	2.9	—	1 5	—	0.4	—	0.1	—	1.2	—	1.0	—	0.6	1.8	13
90	3.0	120	3.1	130	1.8	110	2.0	80	1.7	70	2.1	70	2.3	60	2.1	—	1.1	30	2.1	10	2.6	20	2.5	2.3	14
210	6.0	220	6.6	210	7.7	220	7.5	230	6.6	220	5.1	210	3.1	—	1.5	—	1.0	—	0.1	—	0.4	—	1.3	3.0	15
—	0.3	—	0.3	200	1.8	110	3 3	230	3.8	230	2.1	220	2.6	210	4.6	220	5.6	220	5.2	210	5.5	220	7.6	2.8	16
220	2.8	210	2.9	180	2.6	220	2.6	240	1.6	—	0.1	—	0.3	40	1.6	20	2.8	20	2.5	20	3.6	30	4.6	3.8	17
30	4.4	40	4.1	40	3.0	40	4.3	40	5.2	30	4.3	20	5.0	20	4.4	20	3.9	30	3.0	20	3.5	30	3.1	4.3	18
20	3.5	40	4.1	60	6.1	50	4.0	60	3.9	50	2.6	100	2.4	80	2.0	50	2.0	60	1.7	—	0.6	—	0.8	4.2	19
220	4.6	230	5.8	240	5.5	230	7.0	240	6.2	240	5 0	240	4.0	240	2.0	230	3.5	220	3.2	220	2.0	—	1.3	2.7	20
220	6.6	210	5.7	220	4.5	220	4.9	220	5.0	230	4.0	230	2.4	230	2.5	—	0.2	—	0.4	—	1.0	—	0.4	2.8	21
—	1.0	—	0.3	—	1.4	120	1.7	60	4.5	60	4.8	50	4.4	50	5.4	20	3.4	—	1.4	330	1.9	350	2.0	1.9	22
80	6.5	80	6.6	80	6.3	70	3.7	50	3.2	30	3.3	50	4.3	70	3.9	60	2.5	70	4.4	50	5.2	60	5.4	4.9	23
50	9.7	50	7.0	40	5.7	40	5.4	50	6.0	40	6.0	30	5.5	30	4.9	20	5.1	20	4.4	—	1.0	360	4.0	7.2	24
20	4.8	40	5.1	30	5.3	30	5.3	40	5.5	40	4.6	30	3.1	20	3.0	20	3.7	20	2.6	20	2.0	20	2.2	3.7	25
200	5.3	210	7.3	210	8.0	210	8.2	200	6.8	200	8.0	200	9.4	200	11.1	200	8.2	200	8.5	200	9.1	200	9.3	4.9	26
240	9.0	250	8.8	230	9.7	220	10.6	210	9.6	210	9.2	210	8.5	200	6.8	190	5.2	190	5.0	180	2.6	170	3.0	7.8	27
240	9.5	210	12.0	210	11.5	210	10.5	210	10.6	210	12.3	210	11.9	200	12.4	210	13.0	210	8.5	210	9.6	200	10.8	8.6	28
240	9.2	230	12.6	220	11.4	210	12.0	210	12.5	210	12.1	200	11.1	200	11.6	200	11.8	210	12.4	210	11.7	230	9.8	11.5	29
230	15.2	230	14.7	230	11.3	230	11.2	230	11.9	220	11.9	230	13.4	240	9.5	230	7.8	220	10.3	230	12.5	230	12.3	**12.3**	30
240	10.2	230	11.5	220	11.3	230	9.9	250	6.5	220	5.6	210	6.5	220	5.3	210	3.8	210	3.2	210	3.3	210	4.6	9.5	31
—	5.7	—	**5.9**	—	5.7	—	5.5	—	5.6	—	5.5	—	4.9	—	4.6	—	4.3	—	3.9	—	**3.7**	—	3.7	4.8	

June, 1925.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
230	9.1	230	9.4	220	9.1	230	9.9	240	9.2	250	7.3	250	7.2	240	4.3	200	3.8	230	6.0	230	4.9	230	3.3	**7.0**	1
270	7.0	270	7.9	270	6.1	260	7.8	290	5.5	270	6.7	270	5.0	270	5.3	250	5.6	250	4.5	250	2.5	250	2.0	5.4	2
210	10.0	210	10.4	210	9.0	220	9.0	210	8.2	220	8.0	210	7.9	210	6.0	200	4.7	200	1.6	200	4.5	190	2.7	6.6	3
210	6.2	220	6.0	200	4.7	200	5.1	200	4.4	210	4.0	210	4.5	210	3.1	—	1.2	—	0.1	—	0.4	—	0.1	4.1	4
210	3.9	210	4.1	210	3.5	240	2.8	240	2.0	240	1.7	—	0.1	—	0.3	—	1.1	—	0.6	—	0.8	—	1.0	2.2	5
240	2.4	—	1.5	—	0.8	50	1.7	40	2.0	80	2.6	70	2.6	50	1.6	—	1.5	30	2.0	—	1.5	360	3.4	1.7	6
80	2.2	70	2.5	60	3.0	60	4.6	60	4.7	60	5.6	40	5.0	30	3.0	10	4.9	360	3.6	360	2.9	—	0.5	3.2	7
60	4.4	60	5.1	60	5.1	50	5.4	60	5.6	50	4.5	40	3.1	20	3.1	360	2.6	360	2.6	—	0.6	—	1.4	3.2	8
160	2.7	170	2.8	190	3.1	210	2.4	230	1.8	—	1.5	230	1.6	—	0.5	—	1.1	—	0.8	—	0.1	—	0.1	**1.6**	9
250	3.8	220	3.4	220	3.5	240	3.7	240	4.9	240	4.5	310	3.4	350	2.9	360	3.5	310	3.6	360	2.6	—	1.0	2.3	10
280	4.5	280	4.2	270	4.5	290	4.5	310	4.7	320	2.1	310	2.5	—	1.5	330	2.4	350	2.7	—	1.4	—	1.4	2.5	11
70	2.5	—	1.5	—	1.3	—	1.5	—	1.0	—	1.0	310	3.9	300	3.5	—	0.8	—	0.0	—	0.4	—	0.2	1.8	12
260	7.8	220	6.6	240	6.5	220	6.8	240	6.9	280	6.5	270	7.6	280	7.6	280	6.0	280	3.2	280	4.5	280	6.0	4.4	13
—	1.4	320	1.6	290	2.9	300	4.1	290	4.5	300	6.0	290	5.0	290	5.0	290	5.9	310	4.7	310	2.1	320	1.8	2.9	14
230	5.8	240	9.1	220	7.0	220	6.3	220	5.4	240	5.0	260	3.5	250	4.9	280	6.2	270	6.0	280	3.1	280	2.5	4.6	15
270	8.4	270	8.8	280	9.5	280	10.5	280	9.9	290	10.0	260	5.1	260	4.1	280	4.5	290	4.7	290	4.3	300	4.0	6.0	16
300	4.1	300	5.4	300	6.0	290	5.4	290	7.1	290	6.5	290	6.2	290	4.4	290	6.6	300	5.1	310	4.9	310	5.8	4.7	17
340	5.8	340	5.2	350	5.2	350	5.2	350	5.2	350	4.6	360	3.5	350	1.6	330	1.9	330	1.6	190	2.0	60	2.0	4.4	18
300	5.7	300	3.8	290	4.0	290	3.8	290	8.0	300	7.2	300	6.1	300	4.6	310	3.0	280	3.1	320	4.2	270	2.4	3.2	19
330	2.4	340	3.1	330	3.9	330	4.2	340	3.1	300	7.0	290	6.4	290	5.8	300	7.3	300	4.0	—	1.0	—	1.4	4.0	20
360	6.9	360	6.5	360	7.9	360	6.5	360	6.5	350	6.0	350	4.1	350	2.8	330	2.7	360	3.1	—	1.3	—	1.0	4.5	21
40	3.3	30	3.3	20	2.6	30	4.0	50	4.3	50	6.1	30	5.7	30	4.7	340	4.1	360	4.1	10	4.8	10	3.6	3.4	22
20	6.5	20	6.3	30	6.4	50	7.2	60	6.2	40	6.2	40	6.4	30	5.1	20	3.3	20	5.3	20	4.5	10	4.9	5.1	23
30	8.9	30	9.8	40	8.6	40	6.9	40	7.0	40	5.7	50	4.0	20	3.5	360	1.6	—	1.5	360	2.4	10	3.3	5.4	24
50	6.0	50	6.4	50	6.0	40	5.8	40	5.3	30	5.0	—	1.3	70	2.3	—	1.5	—	1.3	—	0.5	—	0.1	3.6	25
20	6.3	20	5.6	30	4.6	350	4.2	360	4.0	360	3.3	350	2.2	300	2.8	—	1.4	—	1.0	—	1.5	340	2.9	2.6	26
30	4.5	30	3.8	360	3.0	120	2.6	210	2.2	30	2.0	120	2.0	50	2.8	360	2.9	360	1.7	330	2.9	—	1.2	4.0	27
260	4.1	280	3.5	280	3.0	270	2.3	270	2.0	260	2.4	260	2.5	250	2.5	—	1.5	—	1.0	—	0.1	—	0.2	1.8	28
200	7.6	200	9.6	210	10.5	200	10.8	200	10.1	200	8.9	200	7.1	190	4.0	180	3.4	190	5.1	170	4.4	180	5.4	5.1	29
180	7.0	180	7.0	170	68	190	6.4	190	5.0	180	3.5	200	2.3	—	1.5	—	1.3	—	1.4	—	0.0	—	0.2	4.9	30
—	5.4	—	**5.5**	—	5.3	—	5.4	—	5.2	—	5.0	—	4.3	—	3.5	—	3.3	—	2.8	—	2.4	—	2.2	3.9	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North ($E = 90°$, $S = 180°$. $W = 270°$, $N = 360°$). Speed in metres per second.

189. Eskdalemuir : Ha (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	0·5	—	0·1	—	0·8	—	0·1	—	0·0	—	0·1	—	0·1	—	1·0	—	0·9	—	1·5	—	0·5	—	1·3
2	—	1·2	10	3·0	30	3·9	20	5·0	360	6·4	350	4·9	30	4·5	50	6·4	50	8·1	50	4·7	60	7·0	60	7·3
3	40	6·0	10	4·3	20	4·0	40	4·2	30	4·3	30	4·7	30	5·8	50	5·6	60	6·1	80	6·0	70	7·0	60	7·1
4	40	2·7	50	3·6	40	3·5	50	3·4	60	3·5	60	3·1	60	3·2	50	4·1	50	4·3	70	3·3	80	3·3	70	3·5
5	—	1·5	—	1·1	340	1·6	—	0·7	—	0·5	—	0·5	—	1·2	70	2·6	80	2·5	70	3·5	70	1·9	100	1·6
6	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·2	180	1·8	220	3·0	210	3·1	200	4·4	200	6·4	190	7·4
7	290	2·1	260	3·5	270	4·0	270	3·6	280	4·8	280	4·0	300	6·4	300	9·6	330	6·1	270	4·0	280	7·3	280	8·0
8	250	3·4	240	2·0	280	2·8	260	4·0	240	2·7	230	2·3	270	3·8	270	6·1	270	6·2	270	5·6	270	6·6	270	6·6
9	270	4·1	270	4·2	240	2·8	250	2·0	220	3·9	220	3·5	240	4·0	260	4·6	250	4·9	270	5·1	270	7·0	270	6·4
10	210	9·7	210	9·1	210	7·0	230	5·5	240	4·8	230	4·1	270	5·9	260	4·1	270	4·4	280	6·0	290	5·6	290	6·6
11	270	2·3	290	4·0	300	5·5	130	3·4	200	7·1	230	3·6	190	3·8	240	3·9	280	6·5	290	6·6	230	3·4	290	3·9
12	—	0·3	—	0·0	—	0·1	—	0·2	—	0·6	—	0·0	—	0·0	—	1·0	190	3·1	180	3·5	210	4·8	220	5·2
13	—	0·0	—	0·6	—	0·2	—	0·1	—	0·3	—	0·6	—	0·3	120	1·6	150	3·0	200	3·9	200	4·8	190	4·8
14	—	0·5	—	0·4	—	0·6	—	0·3	—	0·3	—	0·4	—	0·5	160	2·6	190	5·4	200	8·4	200	8·1	210	8·8
15	200	6·3	200	7·4	200	6·9	200	6·0	190	6·2	190	6·5	200	7·0	190	6·6	200	6·6	200	5·0	200	5·1	200	6·2
16	—	0·3	—	0·2	—	0·3	—	0·2	—	0·2	—	0·1	—	0·1	180	2·5	200	3·4	190	2·6	200	3·9	190	4·0
17	210	2·6	200	4·5	180	4·4	170	4·1	160	2·5	160	1·8	160	2·5	160	2·9	170	4·0	170	3·4	170	4·5	180	6·4
18	—	0·6	—	0·6	—	0·8	140	2·1	140	5·3	170	6·8	180	5·5	180	6·7	180	7·0	180	7·0	190	7·5	180	6·5
19	—	1·0	—	1·0	—	1·0	—	1·1	330	2·0	—	1·4	—	0·1	130	2·6	140	4·0	150	3·6	150	3·5	150	5·2
20	360	3·5	360	4·0	360	3·5	360	3·0	360	3·0	360	2·5	30	4·3	60	5·7	50	5·0	60	5·5	60	5·6	60	7·4
21	360	1·8	360	2·9	360	1·8	—	0·7	50	3·0	50	1·9	50	2·1	30	3·1	60	2·4	80	1·9	70	1·9	140	1·7
22	—	1·5	—	1·3	360	2·6	350	3·0	350	3·6	50	1·7	50	4·9	50	6·9	50	6·7	20	6·0	20	5·1	30	4·0
23	360	2·1	30	4·4	360	5·5	20	5·0	20	7·0	360	4·8	20	5·2	40	8·6	40	9·5	40	8·1	50	9·5	50	8·9
24	40	11·2	30	10·0	360	4·5	10	5·0	30	7·5	40	10·2	40	10·0	30	8·4	30	7·4	30	7·5	30	8·3	30	6·0
25	20	4·7	10	4·6	10	4·1	10	4·0	360	3·6	360	2·7	60	3·0	20	1·6	—	0·6	190	1·7	200	3·1	220	4·9
26	210	7·0	250	6·7	240	2·5	—	0·4	—	0·2	—	0·8	—	1·0	—	0·9	150	2·2	160	3·6	200	3·6	200	2·6
27	—	0·1	—	0·4	—	1·4	350	2·4	360	2·0	360	3·6	40	5·5	50	4·8	60	5·0	70	5·0	60	4·5	30	4·5
28	360	2·6	360	2·5	360	2·0	—	0·9	—	0·2	—	0·3	—	1·5	150	1·8	160	2·6	220	4·8	220	5·1	230	5·3
29	260	3·1	210	2·9	260	3·9	210	2·4	—	1·1	190	2·9	230	2·4	240	2·0	210	3·4	230	5·1	230	5·5	230	5·4
30	220	2·6	240	1·7	290	·17	—	0·1	—	0·8	—	1·1	280	2·0	290	3·6	270	3·9	270	3·9	270	5·0	200	4·6
31	250	2·5	260	1·6	—	0·2	190	3·0	170	3·5	220	4·0	270	3·6	270	3·5	270	3·9	270	4·9	290	4·6	290	5·1
Mean ...	—	2·8	—	3·0	—	2·7	—	**2·5**	—	2·9	—	2·7	—	3·3	—	4·1	—	4·6	—	4·7	—	5·2	—	5·4

190. Eskdalemuir : Ha = 235 metres + 15 metres.

Day.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	290	3·4	—	1·4	240	2·5	260	3·6	250	3·8	240	4·7	220	3·6	220	2·9	240	4·0	270	3·8	290	5·0	280	4·9
2	20	3·0	70	2·0	80	2·7	360	2·5	—	0·4	—	1·1	320	5·8	320	5·1	340	2·9	350	3·1	340	3·0	350	3·6
3	—	1·0	—	1·1	—	0·1	—	0·2	—	0·7	—	0·8	180	3·0	200	3·4	190	3·5	200	4·0	200	3·4	200	6·1
4	320	2·5	—	0·1	—	0·1	—	0·2	—	1·0	—	0·5	—	1·4	250	2·0	270	2·6	280	1·7	290	2·7	310	2·9
5	—	0·1	—	0·1	—	0·5	—	0·1	—	0·5	—	0·0	—	0·0	—	1·4	150	2·9	150	4·0	190	4·9	190	4·6
6	160	5·0	160	4·9	150	4·5	150	4·4	180	5·2	200	6·1	210	4·8	210	4·0	‡	‡	‡	‡	‡	‡	‡	‡
7	—	1·2	180	4·5	170	3·0	180	4·0	180	7·5	170	4·2	180	5·1	170	5·9	170	7·1	190	8·1	200	10·0	190	9·5
8	—	0·0	—	0·0	180	2·0	200	4·2	210	2·9	190	2·0	—	1·3	—	0·4	230	2·1	200	3·1	190	3·0	200	2·5
9	—	1·4	—	0·8	—	1·5	160	3·6	160	4·9	170	4·3	180	5·9	220	9·9	210	10·2	210	(10·4)	220	10·6	210	11·6
10	200	4·4	190	6·3	210	6·5	200	5·5	200	5·4	230	4·6	220	4·8	230	5·0	230	5·5	210	4·5	230	5·1	230	6·1
11	270	2·5	260	3·3	—	0·6	—	1·1	210	2·6	150	2·0	220	2·4	270	2·9	270	3·6	250	3·5	230	5·0	230	5·4
12	180	7·0	180	7·5	170	7·9	170	7·4	180	10·5	180	10·6	190	10·5	190	9·9	190	9·0	190	(9·0)	200	10·0	200	8·5
13	190	4·4	200	4·0	200	3·2	190	2·4	190	2·7	190	3·9	200	4·5	200	4·1	200	4·1	210	5·2	230	5·5	210	4·6
14	360	3·5	360	4·0	10	3·6	10	3·4	360	3·4	360	1·9	—	1·4	50	2·5	60	2·3	70	2·1	90	1·9	11·0	1·7
15	10	2·1	10	3·0	—	1·4	—	1·0	—	1·0	—	0·2	—	0·0	130	2·1	220	3·5	260	4·0	310	3·2	250	4·0
16	—	0·1	—	0·0	—	0·1	—	0·1	—	0·1	—	0·0	—	0·0	—	1·5	160	3·2	240	4·5	240	5·2	230	4·9
17	—	0·1	—	0·1	—	0·2	—	0·1	—	0·0	—	0·0	—	0·0	—	0·6	—	0·5	—	1·5	—	2·4	—	2·0
18	10	2·0	10	1·6	10	3·4	360	4·4	360	2·9	350	2·7	—	1·1	60	4·3	60	3·9	90	3·6	120	3·8	110	3·6
19	30	1·6	—	1·5	40	1·6	50	2·5	50	3·1	20	3·0	40	3·4	50	3·5	50	3·1	50	2·1	50	2·1	50	2·4
20	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·2	—	1·0	160	2·8	180	2·4
21	—	0·3	—	0·6	—	1·3	—	0·8	—	0·9	40	2·0	60	4·4	70	5·2	70	4·8	90	4·1	110	3·4	130	4·5
22	70	5·1	60	5·9	50	5·6	50	5·2	50	6·1	50	5·6	50	6·5	50	7·3	50	9·7	60	10·2	60	10·1	60	9·5
23	40	3·1	30	3·4	50	3·5	40	3·1	30	3·4	30	2·7	60	5·0	60	5·2	60	4·6	60	5·0	30	3·2	50	3·9
24	—	0·2	—	0·0	—	0·0	—	0·2	—	0·0	—	0·2	—	0·0	—	0·3	—	1·5	140	1·6	210	3·1	—	1·0
25	350	3·4	10	2·2	20	1·6	20	2·0	20	1·7	10	2·5	20	3·0	10	1·9	30	1·6	—	1·0	360	2·1	—	1·2
26	—	0·0	—	0·1	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·5	180	5·3	190	5·0	190	5·5	190	5·3
27	—	0·5	—	0·2	210	3·5	210	4·9	210	4·5	230	5·8	230	5·9	230	6·0	230	5·8	220	6·7	230	7·6	240	6·9
28	—	1·2	—	0·9	—	0·1	—	0·0	—	0·0	—	0·0	—	0·4	220	3·2	230	5·5	230	7·6	220	7·2	230	8·5
29	260	10·0	260	9·1	250	8·5	260	11·0	260	10·4	250	10·9	250	11·0	260	10·0	260	10·6	270	12·4	260	13·2	270	13·0
30	210	5·1	240	5·1	270	6·9	290	8·5	250	3·1	220	2·2	210	3·6	220	4·5	230	5·5	240	6·2	230	7·3	230	8·9
31	270	7·6	270	7·4	260	8·5	250	7·1	230	4·7	230	5·6	220	7·0	230	9·9	220	8·9	230	7·7	250	8·6	260	9·1
Mean† ...	—	2·6	—	**2·5**	—	2·7	—	3·0	—	2·9	—	2·8	—	3·4	—	4·1	—	4·6	—	4·9	—	5·4	—	5·4
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

‡ Defective record.

† Mean for 30 days only, omitting 6th.

Averages for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 235 metres + 15 metres.

July, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°		°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
—	1·5	80	2·8	80	4·5	70	5·5	60	6·9	50	5·3	50	2·5	30	2·2	10	2·8	350	2·9	360	2·9	360	3·0	2·0	1
60	6·6	80	6·9	90	7·3	100	8·6	110	9·7	110	8·0	100	6·5	50	4·8	40	3·5	40	3·4	50	3·9	40	3·5	5·6	2
70	7·2	50	6·9	70	6·3	60	6·6	60	7·0	50	5·6	30	4·6	20	4·6	50	4·0	40	3·9	40	3·8	20	3·6	5·4	3
80	4·0	80	4·9	60	4·2	60	4·8	50	5·0	60	4·6	50	4·1	50	2·1	20	1·9	360	3·1	360	2·9	20	2·1	3·6	4
—	1·5	300	1·7	—	0·8	280	2·5	270	4·6	300	4·4	330	2·0	—	0·7	—	0·7	—	0·9	—	0·0	—	0·0	**1·7**	5
200	7·6	200	6·6	210	6·5	200	5·9	190	4·4	190	4·0	210	3·0	—	1·5	—	0·3	260	2·5	290	3·1	290	4·7	3·1	6
280	9·0	280	8·7	280	8·3	280	8·5	280	8·8	270	7·3	270	5·8	270	5·5	270	5·2	270	4·0	270	3·8	250	3·3	5·9	7
280	7·0	270	6·0	270	5·3	270	5·2	270	5·3	280	5·9	270	5·1	260	3·9	250	3·5	260	3·0	270	4·1	280	4·2	4·6	8
270	5·5	270	6·0	260	5·6	240	5·5	230	7·0	210	8·1	210	8·5	200	7·8	210	7·8	210	8·4	200	8·1	200	9·5	5·7	9
280	6·9	280	6·3	280	6·5	280	6·2	290	8·5	280	9·5	270	8·9	290	6·5	270	7·1	270	7·4	250	5·9	230	6·0	6·7	10
290	4·0	300	5·5	300	5·1	300	5·0	300	5·1	300	5·9	290	4·7	320	4·0	—	1·2	—	1·4	160	1·9	—	0·9	4·2	11
210	5·8	210	5·7	210	6·3	210	5·7	220	5·6	230	5·3	240	4·2	—	0·9	—	0·3	—	1·2	—	1·2	—	0·1	2·6	12
200	4·6	210	4·9	230	3·8	240	5·2	240	5·0	250	5·5	260	3·5	290	2·8	—	1·4	—	1·4	320	1·6	—	0·6	2·5	13
210	7·6	200	9·8	190	9·0	190	7·9	190	7·1	190	6·4	190	4·6	200	5·1	200	5·0	200	5·4	190	4·8	180	5·5	4·7	14
230	3·0	280	2·4	260	3·5	270	2·7	270	3·5	270	3·3	250	1·9	270	2·1	270	2·8	—	0·8	—	0·8	—	0·5	4·4	15
200	4·0	180	4·7	200	6·6	210	7·5	210	7·1	200	6·9	200	5·6	200	4·6	200	4·5	190	3·1	200	3·9	—	1·4	3·2	16
200	6·9	200	8·0	190	7·0	180	5·5	200	8·0	210	7·1	210	8·1	210	4·6	200	4·9	170	3·0	—	1·1	—	0·8	4·5	17
180	8·2	180	6·9	180	9·0	200	7·0	200	5·1	190	4·1	180	4·5	190	3·8	—	0·8	—	1·1	—	1·3	—	0·5	4·5	18
150	4·6	140	4·4	150	4·8	120	4·4	90	4·1	110	2·1	150	2·5	270	2·4	360	1·9	—	1·5	350	2·0	360	2·2	2·6	19
60	7·1	30	5·2	50	6·2	40	4·7	40	4·6	30	4·4	360	4·6	360	4·2	360	2·7	10	2·8	10	2·6	360	2·2	4·3	20
—	1·5	—	1·4	180	2·0	230	1·6	—	1·2	—	0·5	60	2·6	—	1·0	—	1·5	360	3·0	360	2·1	—	1·2	1·9	21
20	7·0	30	6·5	40	7·8	50	6·8	50	7·5	40	5·6	30	4·4	10	4·6	20	4·7	10	4·6	60	1·9	40	1·7	4·6	22
50	9·5	50	0·6	50	10·1	50	11·1	40	11·2	40	11·3	40	11·8	40	12·0	30	6·9	20	5·1	20	6·2	40	8·6	7·9	23
40	7·4	50	9·7	50	11·4	50	13·0	50	12·1	20	6·0	30	6·1	20	6·2	360	7·0	20	6·9	20	5·5	20	5·7	**8·1**	24
210	5·2	210	5·4	230	5·6	210	3·7	210	3·9	180	4·5	200	3·6	180	1·6	180	2·3	170	2·6	170	4·5	190	4·1	3·6	25
190	2·0	—	0·3	—	0·9	210	3·6	180	5·4	210	4·1	230	3·3	10	2·1	—	1·5	—	0·2	—	0·4	—	0·1	2·4	26
40	4·9	40	6·0	30	6·1	20	6·4	20	6·6	10	5·0	30	3·5	40	1·6	360	1·7	350	2·6	350	2·1	360	2·3	3·6	27
250	5·0	280	4·9	280	5·5	270	6·5	270	6·2	270	5·5	270	5·1	260	5·6	260	5·0	250	6·1	240	6·4	250	4·5	3·9	28
210	5·5	220	5·9	230	5·3	240	5·0	230	4·9	220	5·3	210	4·0	220	4·2	230	3·1	210	3·5	230	2·8	220	2·6	3·9	29
260	4·7	290	5·0	270	5·7	270	5·3	270	4·6	280	4·5	270	4·2	250	4·0	240	3·6	270	3·1	280	3·6	260	3·6	3·4	30
280	5·1	270	5·2	280	6·4	280	8·0	280	5·5	280	5·6	270	7·2	270	6·6	280	3·5	260	4·0	270	4·4	290	6·1	4·5	31
—	5·5	—	5·7	—	5·9	—	6·0	—	**6·2**	—	5·5	—	4·9	—	4·0	—	3·3	—	3·3	—	3·2	—	3·1	4·2	

August, 1925.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
260	4·5	290	5·7	280	4·9	300	4·2	360	3·2	360	2·1	—	1·1	—	1·5	—	0·9	—	1·0	—	1·0	—	0·4	3·2	1
320	4·5	290	4·2	280	4·3	270	4·5	290	3·6	—	1·5	290	3·1	290	3·4	280	4·6	270	2·5	—	1·5	—	1·0	3·1	2
200	6·1	200	5·1	200	6·4	210	6·1	220	6·3	220	5·3	230	5·0	230	4·4	220	3·5	210	3·6	220	3·5	270	1·6	3·5	3
310	2·1	—	0·6	190	1·7	180	2·4	190	3·1	200	3·3	210	2·1	—	0·1	—	0·0	—	0·6	—	1·1	—	1·5	1·5	4
200	5·1	210	4·6	190	5·6	190	7·0	200	3·5	180	4·9	180	4·9	170	1·6	170	2·5	180	5·0	170	5·3	160	4·0	3·0	5
‡	‡	‡	‡	‡	‡	‡	‡	260	4·6	240	5·5	240	7·5	230	5·5	220	4·5	220	1·8	—	0·0	—	0·0	‡	6
200	10·5	200	11·6	200	12·4	210	11·5	200	10·6	200	8·7	200	9·0	200	7·9	190	5·8	200	4·6	—	1·5	—	0·3	6·9	7
210	4·6	190	4·7	180	5·0	190	6·3	200	5·6	200	3·9	200	2·9	200	2·5	—	0·0	—	1·3	—	0·8	—	1·1	2·6	8
210	12·0	220	12·0	230	11·8	230	13·7	230	10·1	230	8·8	210	6·1	180	3·4	200	5·0	210	6·6	210	6·4	210	5·1	7·3	9
230	6·4	220	4·5	200	3·6	210	4·0	250	4·4	—	0·2	—	0·2	300	2·5	320	2·5	290	2·9	300	3·5	280	3·6	4·3	10
220	6·1	200	7·5	190	6·4	210	7·2	210	8·6	210	7·1	210	7·0	200	5·5	200	3·6	—	1·3	170	5·6	170	5·9	4·4	11
210	8·4	210	7·4	210	6·6	200	5·4	210	5·6	210	5·5	200	4·9	200	4·5	200	4·5	200	4·5	200	5·1	190	5·1	7·3	12
200	5·6	270	3·1	210	3·0	200	4·6	210	4·0	200	2·6	180	3·0	150	1·8	100	3·2	30	4·7	20	4·5	30	4·5	3·9	13
—	0·8	150	2·6	170	2·1	—	1·5	120	2·2	120	1·6	—	1·5	—	1·4	—	1·0	10	2·4	10	3·0	20	2·6	2·3	14
270	4·5	290	5·1	290	5·0	270	3·0	290	2·0	—	1·5	—	1·3	—	0·0	—	0·1	—	0·1	—	0·0	—	0·0	2·1	15
230	5·0	240	5·2	280	5·4	290	4·6	290	3·6	290	3·1	300	2·1	300	2·9	300	3·9	—	0·3	—	0·7	—	0·0	2·4	16
180	1·6	—	0·8	—	0·5	180	1·8	220	3·9	220	3·4	—	0·1	—	0·5	—	1·0	—	1·0	—	0·5	—	0·6	1·0	17
90	3·4	90	3·5	70	3·9	80	4·0	110	3·9	130	3·2	—	1·5	20	2·8	40	3·4	20	2·6	—	1·3	40	2·0	3·0	18
60	1·9	50	1·4	50	3·1	60	2·4	50	1·6	—	0·2	—	0·1	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	1·7	19
200	1·9	170	2·6	170	2·8	170	3·0	170	2·1	—	0·1	—	0·0	—	0·0	—	0·0	—	0·0	—	0·5	—	0·4	**0·8**	20
130	5·4	90	5·1	130	4·0	120	5·3	90	5·1	80	4·4	70	5·2	60	4·6	60	4·3	70	6·2	70	6·4	70	5·1	3·8	21
60	9·9	50	9·0	40	7·4	30	8·4	40	9·0	40	8·5	40	7·7	40	5·8	40	5·1	30	6·5	30	6·9	30	6·1	7·4	22
50	6·4	40	7·6	10	4·5	30	4·9	30	3·0	—	1·1	10	2·2	20	3·6	20	2·9	—	1·2	—	0·6	—	0·2	3·6	23
330	2·4	—	0·8	330	4·8	350	3·9	360	5·0	10	4·9	30	5·4	20	5·1	20	4·8	10	2·5	360	2·0	350	2·2	2·1	24
280	3·6	170	3·8	270	3·4	230	4·0	210	3·7	240	2·5	300	3·0	320	3·0	—	0·5	—	0·1	—	0·0	—	0·0	2·2	25
190	4·6	180	4·4	—	1·5	200	2·4	220	5·7	220	5·9	230	4·4	300	3·6	—	1·5	—	0·0	—	0·2	—	0·3	2·3	26
230	8·1	230	8·9	240	7·6	270	4·6	260	5·1	250	5·1	230	3·5	240	4·0	240	3·1	250	4·1	280	3·4	270	3·1	4·9	27
230	10·5	230	10·5	220	9·6	210	9·0	220	9·5	220	9·0	220	10·6	230	10·5	240	10·2	260	9·0	240	7·4	240	7·1	6·1	28
270	10·6	270	10·0	270	8·2	280	8·0	280	8·9	270	5·2	290	7·9	280	10·2	280	6·7	210	3·5	130	2·9	220	4·1	**9·1**	29
230	9·0	220	7·0	230	8·0	220	7·9	210	6·5	220	4·9	220	4·4	220	4·0	250	6·5	270	8·5	260	7·4	260	5·9	6·1	30
260	9·4	260	11·9	250	10·0	270	8·5	270	6·4	270	8·5	280	7·1	280	7·4	270	6·5	270	9·0	270	6·2	260	4·5	7·8	31
—	**5·8**	—	5·7	—	5·5	—	5·5	—	5·2	—	4·2	—	3·9	—	3·6	—	3·3	—	3·2	—	3·0	—	2·6	4·0	†
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

‡ New anemometer head and direction rod being fitted.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°). Speed in metres per second.

191. Eskdalemuir : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	240	5·9	240	6·5	240	7·0	250	6·1	250	5·3	240	6·7	270	7·5	260	6·2	260	6·2	270	7·0	280	6·8	280	9·2
2	280	5·5	290	5·1	310	5·0	250	3·0	210	2·6	290	5·0	300	9·2	290	11·0	280	8·4	290	6·9	270	6·8	250	6·7
3	280	8·5	290	10·6	300	10·8	310	9·4	320	7·9	310	8·7	320	7·8	350	7·0	340	6·4	340	7·1	330	7·6	310	6·6
4	300	4·0	—	1·5	300	6·5	280	3·6	270	3·5	270	2·3	350	7·9	10	7·0	10	7·1	360	8·4	340	8·7	320	8·3
5	220	3·9	210	4·7	180	2·9	160	2·9	110	3·0	290	5·0	240	3·2	250	3·0	300	5·6	310	5·1	310	5·0	310	5·6
6	350	3·5	340	6·6	350	6·4	350	7·1	350	5·6	360	3·0	360	7·5	350	7·9	350	6·5	340	4·6	350	6·4	350	5·3
7	350	3·4	—	1·5	290	5·1	310	4·6	280	6·1	240	5·0	230	5·0	220	4·7	270	3·4	260	3·6	260	4·5	270	6·8
8	300	5·6	300	5·0	320	4·1	320	4·1	30	2·9	20	2·1	20	2·4	20	2·3	20	1·6	—	1·2	—	1·1	—	0·5
9	310	2·1	300	4·5	300	4·3	300	3·5	300	2·0	240	2·6	200	3·1	190	3·2	170	4·5	170	4·1	180	2·3	320	6·4
10	10	11·5	10	10·6	10	10·1	360	9·8	360	9·6	360	6·1	10	7·5	360	8·5	360	9·0	360	7·0	360	6·1	350	6·1
11	20	5·5	20	5·4	20	5·0	360	4·0	10	2·5	—	1·3	—	1·5	10	4·8	10	5·1	30	4·6	40	4·5	30	2·6
12	—	0·5	360	2·2	—	0·8	—	0·8	—	0·1	—	0·0	—	0·1	20	3·0	40	4·5	20	3·9	360	3·1	360	3·0
13	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	180	4·6	210	6·8	220	7·5
14	190	2·2	210	4·8	210	5·5	200	3·9	210	5·2	210	6·0	210	7·0	210	7·4	220	7·0	210	7·5	200	7·2	210	8·0
15	—	1·5	—	1·2	—	1·0	—	0·0	—	0·0	—	0·1	180	2·4	170	3·7	150	4·8	150	6·1	140	6·5	150	7·6
16	160	7·5	170	6·0	170	5·5	160	5·0	160	4·1	160	5·1	160	5·0	160	6·0	170	5·0	180	4·1	220	4·0	260	3·5
17	—	0·2	—	0·0	—	0·0	—	0·0	—	0·1	—	0·1	—	0·0	—	0·0	—	1·2	—	1·5	—	0·8	—	1·5
18	—	0·9	—	0·0	—	0·0	240	1·8	250	4·7	240	3·1	220	3·2	220	4·0	210	6·0	220	7·0	220	7·6	200	7·9
19	210	4·6	190	2·9	200	5·0	200	5·0	180	5·1	180	5·0	170	4·0	160	4·4	160	5·1	150	5·4	160	6·0	150	5·3
20	—	1·2	210	2·5	230	4·6	250	8·0	240	10·0	240	11·0	240	11·2	230	11·3	240	10·5	230	10·7	220	11·2	220	10·8
21	—	1·4	—	0·5	—	0·4	—	0·6	—	0·2	—	0·6	—	0·6	—	0·5	—	0·7	—	0·7	—	0·9	280	3·0
22	210	5·2	200	3·5	200	2·1	—	0·0	200	2·1	150	3·1	160	2·8	—	1·2	150	3·5	140	4·5	140	4·8	140	4·9
23	330	5·1	330	4·6	330	5·5	320	5·0	300	2·4	—	0·6	310	6·4	300	9·2	300	9·4	300	8·8	300	8·7	300	8·9
24	300	5·7	300	6·9	320	5·6	310	5·5	300	6·6	220	3·1	340	2·8	320	4·8	300	8·6	300	8·5	300	7·5	290	8·1
25	—	0·3	—	1·0	—	0·6	—	0·3	—	0·3	—	0·3	—	0·3	—	0·0	—	1·4	170	2·0	180	4·0	180	4·3
26	320	7·6	310	5·4	290	3·1	260	3·0	290	6·7	280	7·6	300	9·8	300	10·7	300	10·1	300	9·0	300	10·0	300	10·0
27	—	1·3	80	2·4	—	1·0	290	6·8	290	6·8	300	5·5	190	6·7	310	7·2	310	6·6	300	7·5	320	7·0	350	3·7
28	190	2·9	190	3·1	210	5·3	200	5·0	190	3·8	190	4·5	190	4·0	200	5·1	210	5·8	210	5·6	220	6·5	210	5·6
29	230	12·1	230	11·9	210	7·9	180	4·6	210	8·2	210	8·3	210	8·8	210	9·7	210	9·7	220	9·0	210	7·0	220	6·5
30	360	2·6	—	0·8	—	0·5	—	0·4	—	0·2	—	0·0	—	0·1	—	0·0	—	0·5	180	2·4	190	3·7	200	4·5
Mean ...	—	4·1	—	4·1	—	4·1	—	3·8	—	3·9	—	3·7	—	4·6	—	5·1	—	5·5	—	5·6	—	5·8	—	6·0

192. Eskdalemuir : $H_a = 235$ metres + 15 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	160	2·2	—	0·8	—	0·5	—	0·0	—	0·7	—	0·5	210	3·6	250	5·3	250	5·6	260	4·0	250	4·5	230	3·8
2	180	4·0	170	3·3	190	2·5	200	2·8	190	2·5	170	3·0	160	4·2	170	3·5	210	2·7	210	2·7	250	3·0	250	4·1
3	210	7·2	210	6·3	200	6·0	200	6·5	220	9·5	220	10·5	230	11·8	220	10·8	210	10·7	230	9·3	240	9·0	250	10·8
4	300	2·6	30	3·1	20	2·3	10	2·8	10	3·1	10	2·9	10	3·5	20	3·8	20	3·3	30	1·8	10	2·0	—	1·1
5	—	0·2	—	0·1	—	0·3	—	1·4	—	0·5	—	0·6	—	0·4	—	1·5	140	2·1	150	2·5	160	3·3	160	3·2
6	150	3·0	140	2·7	160	2·7	190	2·8	180	3·6	180	3·6	180	3·4	190	3·9	190	3·4	210	4·1	210	4·7	220	4·9
7	—	0·4	60	1·9	20	2·1	30	3·7	30	4·9	40	6·3	30	5·8	40	5·8	40	7·4	50	6·3	50	7·1	50	6·7
8	340	1·9	340	3·3	340	2·9	340	3·4	350	3·4	350	3·6	340	3·4	—	0·2	20	3·9	30	3·7	30	3·5	30	2·1
9	—	1·0	—	1·0	—	0·8	—	1·2	150	2·4	—	1·5	—	1·4	260	4·4	260	6·8	250	6·7	250	6·4	240	5·2
10	—	0·2	—	0·2	—	0·1	—	0·1	—	0·0	—	0·1	—	0·4	—	0·1	—	0·0	—	0·1	—	0·7	—	1·5
11	—	1·4	—	0·5	—	0·9	—	0·3	—	0·5	—	0·9	30	1·8	—	0·7	—	0·9	—	1·4	—	1·0	240	3·1
12	290	7·5	300	6·6	310	4·0	310	4·0	10	4·2	30	4·0	10	4·1	360	3·8	360	3·9	40	4·1	50	3·8	40	3·5
13	—	0·0	—	1·0	30	2·6	30	4·2	20	5·0	10	3·6	360	3·4	360	3·8	360	4·6	360	6·9	10	5·5	350	7·1
14	320	10·7	310	10·5	310	11·5	310	11·5	320	12·0	320	11·5	330	11·6	320	12·3	330	12·8	310	10·6	310	8·9	300	6·6
15	—	0·5	—	0·9	—	0·5	—	0·5	—	0·4	—	0·8	—	1·0	—	0·5	—	0·6	280	2·1	300	2·8	290	3·6
16	—	0·3	—	1·5	—	1·3	300	2·0	—	1·0	—	0·6	360	1·6	20	2·1	—	0·7	70	3·1	60	5·4	60	4·6
17	—	0·5	—	0·2	—	0·5	—	0·5	180	3·1	180	3·4	190	3·1	200	6·9	230	11·5	250	12·6	270	11·6	270	12·0
18	250	11·0	250	13·5	260	12·2	270	11·4	270	9·4	320	5·7	240	4·7	10	2·6	360	5·8	80	6·6	20	6·1	20	5·5
19	—	0·7	—	1·5	340	1·6	—	1·5	—	1·0	—	1·5	340	1·8	—	1·1	20	2·0	80	3·2	120	4·8	120	6·6
20	140	4·6	140	5·2	140	5·2	140	5·8	130	6·5	140	6·1	140	6·3	130	4·2	120	2·5	130	3·1	—	1·5	—	0·4
21	190	6·1	200	6·1	190	5·8	190	4·8	190	8·0	190	8·9	200	8·4	200	8·6	190	9·2	200	9·5	200	9·1	200	8·9
22	190	8·8	180	7·9	170	5·6	150	5·5	160	6·1	150	6·1	160	7·7	180	9·1	180	9·4	180	7·1	170	8·3	180	10·2
23	30	5·8	140	4·0	150	4·5	160	2·5	—	0·6	320	3·0	290	4·9	260	5·5	240	7·8	250	8·5	250	11·1	240	9·6
24	210	6·4	220	6·2	220	7·6	230	8·0	230	7·1	220	6·8	240	7·6	230	7·0	230	6·8	230	6·2	240	6·0	240	5·9
25	—	1·5	240	4·6	240	3·7	220	3·9	200	3·2	230	3·5	250	3·1	290	4·5	260	4·9	260	5·4	270	7·1	260	6·5
26	190	6·0	190	5·6	190	7·6	180	8·2	170	6·0	160	6·1	160	6·5	170	7·5	170	7·3	160	5·5	160	7·0	150	10·0
27	180	13·2	180	10·8	180	9·3	180	6·3	180	6·1	210	6·6	190	4·6	200	6·4	190	10·0	200	12·6	210	12·5	220	12·5
28	250	7·9	230	7·4	230	7·4	220	8·2	230	8·2	230	7·4	230	6·9	230	8·0	230	8·0	220	7·9	210	8·1	220	8·9
29	200	6·8	210	8·5	230	9·0	240	7·8	240	3·5	170	4·4	180	3·6	180	4·0	200	4·7	190	5·2	190	5·1	180	4·6
30	180	4·6	180	3·4	160	4·4	160	4·1	—	1·0	160	3·4	150	4·2	160	4·4	150	4·6	150	4·6	160	4·9	160	5·6
31	180	2·5	190	3·1	—	1·3	—	0·5	—	1·5	—	1·0	—	0·3	—	0·1	—	1·0	150	4·2	160	3·8	160	2·8
Mean ...	—	4·2	—	4·3	—	4·1	—	4·1	—	4·0	—	4·1	—	4·4	—	4·6	—	5·3	—	5·5	—	5·8	—	5·9
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 235 metres + 15 metres.

September, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
270	8.5	270	7.5	270	7.0	280	5.5	270	5.2	270	5.6	270	5.6	270	4.5	280	4.7	290	7.9	300	9.4	300	7.4	6.6	1
250	7.5	250	7.9	270	8.1	270	6.9	280	9.9	270	10.2	270	8.1	280	8.4	270	9.5	270	10.5	270	10.3	270	9.3	7.5	2
320	8.5	310	7.1	320	7.5	320	6.9	320	7.0	320	7.6	310	3.2	240	2.5	270	2.0	300	5.2	10	3.0	320	4.7	6.9	3
310	7.0	310	8.3	310	9.1	310	8.8	310	11.3	300	10.6	300	9.5	300	8.3	300	8.5	290	5.9	270	4.5	270	3.9	6.9	4
320	5.0	320	4.8	320	4.1	310	5.5	320	5.0	310	4.5	300	4.9	290	4.4	340	2.5	330	4.1	300	6.1	220	2.5	4.3	5
340	5.2	320	4.6	320	5.0	320	4.0	310	3.1	310	4.5	310	5.5	310	6.9	310	6.2	340	3.9	310	4.2	320	4.6	5.3	6
280	7.9	280	7.5	290	8.4	290	9.0	290	9.5	290	9.6	290	9.5	290	9.8	290	9.9	290	8.6	290	9.0	300	8.5	6.6	7
—	0.6	300	4.0	270	4.2	290	5.4	290	7.4	300	6.9	300	5.4	310	3.6	310	5.4	290	7.0	300	5.4	310	4.0	3.9	8
300	7.9	320	6.6	350	6.0	360	7.0	360	4.5	360	6.9	360	6.0	20	9.5	40	9.1	20	7.9	10	10.1	10	11.6	5.5	9
360	6.9	10	6.5	40	5.0	10	5.0	10	6.0	10	5.5	20	4.4	20	5.0	10	5.4	20	6.4	10	6.0	10	5.5	7.2	10
360	2.6	350	3.4	—	0.5	60	4.4	30	2.9	—	0.5	—	1.1	—	1.1	—	0.7	—	0.1	—	0.1	—	0.2	2.8	11
20	2.0	50	1.6	50	1.6	—	1.5	—	0.3	—	0.6	—	0.5	340	1.6	—	1.0	—	1.1	—	0.8	—	0.0	1.4	12
220	7.2	230	8.4	230	7.6	220	7.5	210	6.0	210	4.5	230	4.0	220	3.5	210	3.5	200	2.6	180	2.1	160	2.5	3.2	13
200	7.2	210	7.0	220	7.0	210	7.6	190	5.9	200	6.0	220	5.2	220	4.9	190	5.0	190	3.6	200	3.9	170	2.5	5.7	14
160	6.9	160	8.9	160	8.2	150	5.9	160	2.9	150	3.0	150	3.5	150	6.2	160	7.0	150	3.9	150	5.2	150	4.7	4.2	15
280	3.6	270	5.0	290	5.7	290	5.1	290	3.6	280	3.1	310	2.9	—	0.1	—	0.0	—	0.0	—	0.0	—	0.0	3.8	16
—	1.4	190	2.6	—	0.5	40	2.1	—	1.0	—	1.5	40	2.5	—	1.4	—	0.5	—	0.6	—	1.4	350	1.8	0.9	17
190	7.9	190	8.6	200	8.5	210	8.0	210	7.6	210	7.0	210	7.0	200	4.2	220	7.0	210	5.5	190	3.7	180	2.9	5.1	18
150	4.9	150	4.5	140	3.1	120	1.9	70	2.1	40	2.0	20	2.6	10	2.0	310	1.6	270	2.1	290	2.6	—	0.5	3.7	19
220	11.5	210	9.6	210	10.5	210	9.1	210	6.7	200	5.0	200	3.6	190	3.1	200	3.4	210	2.0	—	1.5	—	0.1	7.1	20
300	5.5	300	6.5	280	7.4	280	7.6	270	4.5	270	4.6	260	3.1	230	3.0	230	3.9	—	1.0	210	1.8	220	3.8	2.5	21
130	5.1	130	5.0	130	4.0	110	4.0	50	4.4	30	4.0	20	4.0	10	4.0	360	4.6	360	3.9	330	4.6	320	5.6	3.7	22
300	7.2	290	8.0	290	8.0	300	7.6	300	7.6	300	6.6	320	6.2	340	3.7	340	2.8	310	5.8	300	6.6	300	6.5	6.3	23
300	7.9	300	6.9	280	6.4	300	5.5	290	3.9	280	4.5	290	4.8	270	2.8	—	1.0	140	1.9	210	3.3	300	1.7	5.3	24
180	4.4	180	4.3	160	3.6	—	1.5	130	2.0	130	2.1	—	1.5	—	0.7	170	2.4	—	0.5	—	0.3	290	5.3	1.7	25
300	9.8	300	9.9	300	10.0	320	6.5	340	7.9	330	6.8	330	5.5	330	6.6	310	6.5	310	5.8	320	4.9	260	2.6	7.4	26
320	3.9	290	3.3	280	4.3	280	4.0	280	2.8	280	2.2	280	2.2	250	2.1	—	0.7	—	0.7	—	0.4	210	4.3	3.9	27
210	5.6	220	6.4	210	5.4	200	6.0	220	6.4	200	6.0	200	5.0	190	4.2	200	4.7	220	7.5	210	7.3	220	8.4	5.3	28
210	6.3	250	4.9	280	2.9	260	2.6	270	2.5	—	1.4	—	0.3	—	0.3	—	1.0	—	1.2	—	1.3	360	2.8	5.6	29
210	5.3	220	4.5	270	5.2	300	5.9	290	5.8	310	4.9	—	1.5	—	0.6	—	0.8	—	0.9	—	1.5	190	1.8	2.3	30
—	6.0	—	6.1	—	5.8	—	5.6	—	5.2	—	4.9	—	4.3	—	4.0	—	4.0	—	3.9	—	4.1	—	4.0	4.8	

October, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
230	4.3	250	4.5	240	4.1	230	3.5	280	2.8	280	2.4	270	1.7	230	1.7	280	2.6	270	2.0	200	4.4	150	2.8	2.8	1
230	5.1	220	6.5	220	6.5	200	5.8	210	4.6	220	4.8	250	4.5	250	4.5	230	2.9	200	4.5	200	5.4	220	6.7	4.1	2
240	10.2	220	6.7	240	5.5	230	5.3	220	5.6	240	4.0	240	4.1	240	4.3	—	1.5	250	2.3	270	2.6	270	1.8	6.9	3
—	0.8	—	1.5	180	2.0	180	2.8	220	3.2	220	2.2	210	3.2	200	3.0	190	2.3	—	0.8	—	0.5	—	0.5	2.3	4
260	2.4	260	3.6	250	4.0	190	3.6	140	2.9	150	1.9	170	2.4	150	2.4	150	2.5	150	1.8	150	1.8	160	2.1	1.9	5
220	5.1	220	4.5	220	4.8	230	3.7	230	4.0	260	3.4	10	2.2	250	1.7	—	1.0	—	1.4	—	0.9	—	1.0	3.2	6
40	6.0	50	5.2	50	5.4	40	5.3	50	4.8	40	4.1	30	2.2	10	3.0	10	4.8	20	5.1	350	2.6	340	2.8	4.5	7
—	1.5	90	2.0	—	1.5	—	0.6	230	2.7	300	1.6	—	0.9	—	0.1	—	0.2	—	0.0	—	0.0	—	0.0	2.0	8
250	6.0	250	5.9	250	4.9	260	3.7	280	3.4	—	1.4	—	0.1	—	0.2	—	0.2	—	0.1	—	0.3	—	0.2	2.7	9
150	2.9	160	2.5	280	4.3	280	4.6	300	3.5	—	1.5	—	1.5	—	0.8	340	2.4	360	1.6	—	1.5	—	1.5	1.3	10
250	4.0	220	4.7	260	4.5	290	4.9	280	5.0	260	3.8	280	3.7	260	3.8	250	4.4	280	4.8	290	10.4	290	6.5	3.0	11
60	2.7	50	2.1	—	1.4	—	1.4	—	1.0	—	1.3	—	0.9	—	1.5	—	1.1	—	0.0	—	0.0	—	0.0	2.9	12
320	6.2	320	7.9	310	7.0	310	5.1	300	4.4	360	6.4	350	4.2	350	4.5	330	8.1	320	9.1	310	8.1	320	9.9	5.2	13
310	8.2	300	7.9	310	4.5	290	4.1	280	4.5	280	3.9	280	3.8	270	5.0	290	5.8	300	6.1	360	3.3	—	0.5	8.0	14
280	4.4	290	4.9	300	4.0	280	2.0	—	0.5	—	0.0	—	0.0	—	0.0	—	0.0	—	0.0	—	0.0	—	0.3	1.3	15
90	3.0	100	2.9	90	3.1	90	2.9	360	1.6	340	1.6	—	1.4	—	1.4	—	1.5	340	2.8	340	2.2	—	1.0	2.1	16
260	13.2	260	12.6	260	13.0	260	12.0	260	11.9	260	12.0	250	13.3	240	15.1	240	15.4	240	14.7	240	15.5	250	13.5	9.2	17
30	5.4	30	6.6	30	6.2	30	5.4	30	3.0	—	1.5	—	1.4	340	1.6	—	1.5	330	2.5	—	0.8	—	0.6	5.7	18
130	6.6	120	6.5	120	6.2	120	5.5	120	6.4	120	7.0	130	7.9	130	6.8	140	8.4	140	7.9	140	7.5	150	6.4	4.5	19
—	0.1	—	0.1	—	1.2	350	2.0	340	2.1	—	0.1	—	0.0	—	0.0	—	0.0	—	0.0	—	1.0	190	4.0	2.6	20
200	11.1	200	11.5	200	10.5	190	9.5	190	8.5	180	8.2	180	8.5	180	10.0	180	10.2	180	9.8	190	10.6	190	11.2	8.7	21
180	10.6	180	9.8	180	10.0	180	7.8	170	5.8	150	4.1	140	3.1	120	3.6	100	4.2	70	4.1	30	6.0	20	5.9	7.1	22
240	9.5	230	9.5	220	8.2	220	8.8	220	7.4	220	7.5	210	6.4	220	7.0	220	6.6	220	6.8	220	6.0	210	6.6	6.6	23
240	5.6	230	5.6	260	4.1	260	3.0	270	4.0	260	4.2	—	1.0	—	1.1	—	0.8	—	0.7	160	1.6	—	0.6	4.9	24
250	6.2	250	6.0	240	7.2	230	7.0	230	7.5	230	6.1	220	5.5	220	5.1	220	6.1	210	6.1	190	6.2	200	6.3	5.2	25
160	9.0	180	10.6	220	13.6	240	12.9	230	8.1	200	4.3	210	7.9	210	6.6	190	9.1	180	11.4	180	12.0	180	13.5	8.3	26
240	13.4	240	12.9	250	12.2	260	13.0	260	13.8	260	15.0	260	14.9	270	15.1	260	10.5	250	8.0	250	9.6	260	8.5	10.8	27
220	10.5	210	8.1	200	7.5	190	6.0	180	6.1	180	8.6	180	11.2	180	12.4	180	10.8	170	8.6	190	10.1	200	9.1	8.5	28
160	4.0	160	3.6	180	9.7	180	12.1	190	12.7	190	9.1	170	5.4	170	5.1	170	5.6	170	6.9	170	6.8	170	5.9	6.5	29
160	5.4	160	4.7	160	2.6	150	2.7	160	3.5	150	3.3	150	2.9	140	4.2	150	3.9	160	4.4	150	4.3	160	3.4	4.0	30
—	1.3	—	1.4	—	1.0	—	0.0	—	0.5	—	0.9	—	0.4	—	0.2	—	0.1	180	1.6	180	2.1	170	1.6	1.4	31
—	6.0	—	5.9	—	5.8	—	5.4	—	5.0	—	4.4	—	4.1	—	4.3	—	4.3	—	4.4	—	4.7	—	4.3	48	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°). Speed in metres per second.

193. Eskdalemuir : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	190	1·6	—	1·2	170	2·0	160	3·3	190	2·4	180	2·2	170	2·5	150	2·6	150	4·8	140	3·8	140	5·9	150	6·3
2	140	7·5	140	6·6	150	5·6	150	4·5	150	4·0	150	3·1	180	4·2	160	5·5	160	5·4	180	7·1	190	9·0	180	7·1
3	—	1·5	—	1·1	150	1·7	150	2·1	140	3·0	140	2·4	—	0·5	—	0·6	50	3·3	60	3·6	60	3·9	50	3·7
4	260	6·0	250	7·4	240	5·3	220	3·6	200	2·4	210	4·8	200	3·5	210	4·1	230	3·2	270	3·0	240	4·9	220	5·0
5	—	1·5	—	1·5	—	1·5	—	1·5	—	0·9	—	1·3	—	1·0	360	2·0	360	2·4	360	2·5	350	3·0	320	2·6
6	290	2·9	300	3·1	—	1·5	—	0·9	—	1·0	—	1·0	—	1·1	—	1·1	—	1·0	40	1·8	70	4·5	70	3·1
7	—	1·4	60	3·6	60	5·6	60	5·5	60	8·2	50	9·5	60	9·2	70	10·2	60	10·9	60	11·6	60	12·1	50	13·8
8	30	9·1	30	10·2	30	10·8	40	12·2	30	10·4	30	11·2	20	10·6	30	10·0	20	7·9	20	7·0	20	7·1	20	8·5
9	—	1·4	—	0·2	—	0·3	—	0·1	—	0·1	—	0·2	—	0·0	—	0·0	—	0·0	—	0·1	—	1·4	—	1·3
10	—	0·0	—	0·0	—	1·1	—	0·2	—	0·1	350	2·8	360	4·0	360	2·7	30	2·1	360	4·4	340	5·7	340	7·0
11	—	1·5	360	2·5	—	1·1	—	1·5	—	1·1	—	0·2	—	0·1	—	0·4	—	0·2	—	0·0	—	0·0	—	0·6
12	—	0·4	—	0·4	—	0·4	—	0·6	—	0·5	—	0·5	—	0·5	—	0·4	—	0·3	—	0·0	—	0·4	180	3·5
13	—	0·6	—	0·5	—	0·6	—	0·8	—	0·8	—	0·8	—	0·6	—	0·9	—	0·7	—	0·0	—	0·0	—	0·0
14	—	0·1	—	0·2	—	0·1	—	0·1	—	0·1	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0
15	—	0·0	—	0·0	—	0·0	—	0·1	—	0·0	—	0·0	—	0·2	—	0·1	—	0·0	—	0·0	—	0·5	—	0·6
16	—	0·1	—	0 0	—	0·0	—	0·1	—	0·1	—	1·1	—	1·5	—	1·3	—	0·2	—	1·0	170	1·6	—	1·1
17	—	0·6	310	1·6	—	1·2	—	1·5	360	1·8	340	2·0	310	1·6	—	1·4	340	1·6	60	4·2	70	4·9	70	4·4
18	360	1·6	—	1·4	340	1·6	340	2·0	340	1·9	360	1·7	360	2·1	340	2·1	—	1·3	—	0·8	—	1·0	—	1·5
19	—	0·9	—	0·4	—	0·2	—	0·3	—	0·2	—	0·2	—	0·1	—	0·6	—	0·1	—	0·1	—	0·0	—	0·0
20	—	0·2	—	0·1	—	0·1	—	0·2	—	0·1	—	0·5	—	0·2	—	0·2	—	0·2	—	0·2	—	0·1	—	0·1
21	—	0·2	—	0·1	—	0·2	—	0·6	—	0·5	—	0·3	—	0·2	—	0·5	—	0·3	—	0·1	—	0·1	—	0·1
22	—	0·3	—	0·3	—	0·0	—	0·2	—	0·8	—	1·1	140	1·6	—	1·0	140	1·9	150	1·6	150	2·1	200	3·3
23	340	1·6	—	1·5	330	2·0	350	1·6	360	3·4	10	3·5	360	3·0	360	3·0	360	3·1	360	1·7	—	1·5	350	2·9
24	360	2·6	360	3·0	—	0·9	340	2·6	300	3·0	—	0·6	—	0·3	150	2·0	—	1·5	250	4·1	190	2·4	160	2·2
25	300	10·1	360	10·5	360	10·5	360	10·7	360	13·2	360	12·8	360	13·0	360	10·9	350	10·4	360	11·2	360	11·0	360	11·4
26	10	4·6	310	2·6	—	0·8	—	0·3	—	0·2	—	0·2	—	0·1	—	0·1	—	0·1	—	0·0	—	0·0	—	1·3
27	230	6·1	200	4·2	300	5·0	360	8·9	360	10·6	360	9·9	350	11·2	340	9·2	340	9·8	350	8·4	350	8·5	340	9·1
28	300	7·0	320	7·2	330	8·9	340	9·2	340	8·6	340	9·6	340	10·6	350	11·6	350	11·2	330	13·1	330	12·1	330	11·2
29	330	8·1	340	6·9	340	6·6	320	6·5	250	2·3	300	1·6	50	1·9	140	1·9	180	2·5	190	3·5	210	5·0	190	4·0
30	—	1·1	320	1·9	360	3·9	360	3·6	360	3·1	360	3·0	360	4·8	360	5·5	360	5·1	20	7·0	20	7·8	30	9·0
Mean ...	—	2·7	—	2·7	—	2·7	—	2·8	—	2·8	—	2·9	—	3·0	—	3·1	—	3·1	—	3·4	—	3·9	—	4·2

194. Eskdalemuir : $H_a = 235$ metres + 15 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	20	9·6	20	8·2	20	8·6	20	9·4	10	5·5	350	4·5	360	3·5	330	1·6	360	2·6	360	4·7	360	4·0	10	3·2
2	10	3·9	340	3·6	350	4·4	360	3·9	10	3·9	10	3·6	10	3·4	10	3·3	20	2·5	350	2·6	350	5·1	340	5·6
3	340	4·5	350	3·0	—	1·1	360	3·0	360	4·4	360	3·2	340	3·5	360	2·1	100	1·7	—	1·1	—	0·0	—	0·9
4	—	0·2	—	0 2	—	0·1	—	0·3	—	0·3	—	0·2	—	0·3	—	1·1	—	0·5	—	0·1	—	0·0	—	0·0
5	—	0·2	—	0·1	—	0·2	—	0·2	—	0·1	—	0·4	—	0·2	—	0·2	—	1·1	—	1·5	190	3·0	190	3·1
6	—	0·1	—	0·1	—	0·4	—	0·3	—	0·5	—	0·2	140	2·1	—	0·2	—	0·2	—	0·1	—	0·0	—	0·0
7	—	0·5	—	0·6	330	1·7	—	0·4	—	0·2	—	1·4	—	1·3	—	1·0	—	0·3	—	0·1	—	0·5	—	0·0
8	180	10·9	180	11·4	180	11·6	180	14·2	180	15·3	180	15·4	180	16·3	180	15·1	180	16·0	180	15·8	190	16·2	190	16·0
9	230	8·5	210	6·4	220	8·3	200	6·4	200	6·2	200	6·0	200	9·9	210	10·9	210	10·3	210	11·4	200	10·4	210	12·6
10	240	8·3	190	3·1	280	4·6	310	9·0	310	8·2	310	12·5	310	12·3	280	9·9	280	11·3	290	12·3	290	14·2	290	13·6
11	320	7·8	310	6·6	290	3·5	110	2·1	360	3·0	290	8·2	300	7·4	300	4·6	290	7·7	290	10·6	290	14·0	290	14·8
12	340	6·8	350	6·2	340	6·1	350	8·1	350	6·5	360	3·8	360	3·6	360	7·0	360	4·5	360	2·4	360	4·1	360	4·4
13	—	1·2	—	0·6	—	1·2	—	0·6	—	0·6	—	1·5	—	1·5	—	0·5	—	0·2	—	0·2	—	0·0	—	1·0
14	—	1·2	340	6·6	340	6·1	340	7·5	350	7·0	350	5·5	350	8·2	350	9·2	350	10·1	350	9·6	350	10·3	360	9·4
15	350	3·2	340	3·4	220	2·0	—	1·5	170	2·0	170	3·5	180	3·8	190	3·9	160	2·9	—	1·4	170	3·1	180	2·5
16	—	0·0	—	0·9	—	1·2	240	1·6	240	3·5	190	2·2	—	0·4	—	0·5	—	0·5	200	3·5	200	3·6	180	2·5
17	240	7·6	250	8·3	220	5·2	220	6·3	230	8·5	240	8·0	240	8·0	260	7·0	260	6·8	270	6·4	270	6·5	280	7·9
18	270	7·9	270	6·6	270	7·1	260	5·7	250	5·7	250	5·1	250	5·2	230	4·1	250	6·5	260	7·0	260	7·6	260	8·9
19	40	6·5	30	7·1	20	6·5	20	6·6	10	6·0	20	4·8	20	4·1	20	7·1	20	7·6	40	4·9	40	5·0	30	6·4
20	50	7·0	50	8·0	60	9·2	50	9·1	60	7·4	80	9·9	70	16·3	80	11·8	80	13·0	80	13·0	70	13·1	70	12·6
21	40	8·3	40	8·0	40	7·1	40	6·0	40	5·9	40	5·4	40	6·1	40	5·5	40	4·4	40	5·6	40	7·5	50	7·0
22	40	7·1	40	8·0	50	8·1	50	8·8	40	8·9	40	8·6	30	9·5	40	10·0	30	9·6	30	9·6	30	7·5	30	10·0
23	350	7·5	340	6·1	330	5·9	300	3·0	300	8·1	310	5·6	20	3·9	180	4·0	160	5·0	170	3·0	160	2·2	230	5·6
24	10	4·1	10	4·1	340	5·2	310	9·9	300	11·3	300	12·1	300	10·9	300	9·0	310	8·8	290	9·1	280	9·4	280	9·9
25	—	0·7	—	1·3	—	1·4	—	0·2	—	0·2	—	1·0	—	0·2	—	1·5	—	1·2	—	0·9	—	0·2	—	0·1
26	—	0·1	—	0·2	—	0·4	—	0·1	—	0·0	—	1·5	220	4·7	220	6·5	240	8·7	250	8·0	230	8·0	230	8·1
27	230	11·4	220	10·3	220	8·6	230	9·2	220	10·2	220	11·6	220	12·5	220	12·4	220	11·6	220	9·9	210	9·6	210	9·6
28	230	12·6	230	12·7	240	13·3	230	12·6	210	12·0	230	9·7	240	11·7	240	13·4	220	10·1	210	10·0	200	8·3	210	5·5
29	200	11·4	210	13·0	210	11·0	190	11·0	190	12·7	180	12·0	170	8·0	160	5·6	180	9·0	190	11·6	200	11·2	210	11·6
30	220	11·5	240	10·1	210	4·5	—	1·1	160	1·6	180	2·6	180	6·2	190	9·8	210	8·5	240	5·5	230	10·0	220	9·9
31	270	9·0	270	10·0	260	10·4	260	10·1	250	10·1	250	9·9	240	8·0	240	7·6	250	5·1	200	3·1	—	1·5	250	2·5
Mean ...	—	5·8	—	5·6	—	5·3	—	5·4	—	5·7	—	5·8	—	6·1	—	6·0	—	6·1	—	6·0	—	6·3	—	6·6
Annual Mean.	—	4·1	—	4·1	—	4·0	—	4·0	—	4·2	—	4·2	—	4·6	—	4·9	—	5·2	—	5·4	—	5·7	—	5·8

Averages for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 235 metres + 15 metres.

November, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
150	6·0	140	6·1	140	7·1	130	7·2	130	8·5	130	8·5	140	9·0	140	9·8	140	9·9	140	9·5	140	8·4	140	7·9	5·6	1
170	7·8	180	10·0	190	10·2	190	7·6	200	5·1	200	4·2	190	3·0	180	2·3	170	3·0	200	2·5	180	1·6	—	1·0	5·5	2
20	2·1	20	2·1	30	1·7	—	0·8	—	0·0	—	0·3	—	1·0	300	2·9	280	3·8	260	3·3	270	6·0	270	5·9	2·3	3
210	5·6	210	3·8	200	2·0	200	2·0	180	3·8	—	1·1	—	0·0	—	0·2	—	1·1	—	1·0	—	1·3	—	0·9	3·3	4
320	2·5	300	3·4	330	1·6	—	0·6	320	2·8	—	1·2	—	0·5	—	1·0	—	0·8	—	1·4	270	5·0	270	4·9	1·9	5
70	2·1	50	2·3	50	3·0	—	1·3	—	0·5	—	0·8	—	1·4	30	1·8	—	1·5	30	1·8	60	3·2	—	1·4	1·9	6
50	14·0	50	13·9	50	13·5	40	12·4	40	11·9	40	11·5	30	11·5	30	11·2	40	12·1	40	12·8	30	11·1	30	8·2	10·1	7
20	7·9	20	7·9	360	6·0	360	5·0	350	5·2	340	6·6	340	7·2	350	5·9	340	5·2	360	3·0	350	2·2	360	2·1	7·6	8
—	1·5	220	3·0	210	2·4	—	1·1	—	0·2	—	1·2	—	1·0	—	1·1	—	0·5	—	0·7	—	0·1	—	0·0	0·8	9
340	5·2	360	4·0	360	4·7	340	2·7	360	2·5	360	2·0	350	3·0	10	5·0	360	4·1	340	2·2	60	1·8	—	1·0	2·8	10
140	1·9	200	2·8	230	3·0	270	2·1	—	1·1	—	0·5	—	0·5	—	0·3	—	0·1	—	0·2	—	0·3	—	0·4	0·9	11
190	4·9	190	3·8	190	2·3	—	1·0	—	0·6	—	0·6	—	0·7	—	0·6	—	0·4	—	0·5	—	0·5	—	0·9	1·0	12
210	2·8	190	2·6	—	1·3	—	0·5	—	0·0	—	0·1	—	0·1	—	0·2	—	0·1	—	0·3	—	0·1	—	0·1	0·6	13
—	0·0	—	0·0	—	0·6	—	1·0	170	1·8	210	2·6	200	2·0	—	1·4	—	1·2	190	1·7	—	0·1	—	0·0	0·5	14
180	1·9	200	2·6	190	2·5	—	1·0	—	0·1	—	0·0	—	0·1	—	0·1	—	0·0	—	0·0	—	0·1	—	0·0	0·4	15
—	0·2	—	0·0	—	1·0	10	1·6	—	1·0	—	1·1	360	2·4	40	3·0	40	4·0	40	2·5	40	2·6	—	1·5	1·2	16
60	4·6	60	4·6	60	5·0	60	4·4	20	2·3	20	2·0	—	1·1	360	2·0	360	1·6	340	1·7	350	2·0	360	2·8	2·5	17
120	4·0	70	3·0	60	2·0	360	1·6	360	2·5	350	2·6	340	2·5	340	1·7	340	1·7	350	1·7	350	1·6	—	1·0	1·9	18
—	0·0	—	0·2	—	1·0	—	0·5	—	1·1	—	1·2	—	0·6	—	0·2	—	0·1	—	0·0	—	0·1	—	0·2	0·4	19
—	0·4	—	1·0	150	2·0	—	1·1	—	0·2	—	0·1	—	0·3	—	0·2	—	0·0	—	0·0	—	0·5	—	1·0	**0·4**	20
—	0·2	360	1·7	360	2·1	360	1·9	—	0·9	—	0·2	—	0·2	—	0·1	—	0·0	—	0·2	—	0·1	—	0·0	0·5	21
150	2·6	130	2·7	150	2·0	—	1·1	—	0·1	—	0·0	—	0·2	—	1·2	—	1·5	—	0·6	—	0·4	—	1·3	1·1	22
340	3·6	340	3·5	320	3·0	—	1·5	—	0·9	—	1·1	—	1·4	—	1·3	360	2·9	360	3·8	340	4·4	360	3·6	2·4	23
200	4·1	200	4·3	190	3·3	140	1·6	160	2·5	30	4·2	290	7·9	280	9·0	270	7·1	270	6·0	280	10·0	290	11·9	3·9	24
350	10·1	340	9·5	330	7·5	340	7·6	330	5·4	340	6·6	340	6·0	340	5·3	10	2·9	340	1·6	—	0·6	30	2·5	8·6	25
270	3·2	260	3·2	260	4·0	260	1·6	240	2·9	210	3·5	200	4·2	210	4·9	210	3·1	210	4·7	240	6·6	260	5·2		26
320	8·5	320	9·1	320	9·9	320	9·1	330	7·4	330	9·0	330	8·9	330	8·4	320	8·5	320	8·2	320	7·1	300	7·5	8·4	27
340	12·0	340	9·6	330	10·0	330	10·5	330	9·0	340	10·2	340	11·2	330	12·0	330	11·5	330	10·6	330	10·5	320	9·1	**10·2**	28
190	3·1	200	2·9	210	1·6	—	0·8	200	3·0	190	2·5	200	2·5	210	2·3	260	2·9	250	3·9	210	2·3	—	1·5	3·5	29
30	7·2	40	8·5	40	8·8	40	7·7	30	8·9	30	8·4	20	8·6	30	9·2	30	9·5	30	7·9	30	9·1	30	10·2	6·5	30
—	4·3	—	**4·4**	—	4·2	—	3·3	—	3·1	—	3·1	—	3·3	—	3·5	—	3·4	—	3·1	—	3·3	—	3·1	3·3	

December, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
360	4·9	350	3·9	330	4·1	330	3·9	340	3·2	—	1·4	360	1·7	350	1·9	10	1·9	340	1·9	—	1·5	30	3·1	4·3	1
340	5·1	350	6·5	340	6·6	310	4·7	310	4·5	300	4·5	300	5·6	310	5·5	320	4·4	330	5·7	330	7·1	330	5·2	4·6	2
—	0·7	—	0·7	—	0·6	—	0·2	—	0·0	—	0·3	—	0·5	—	0·2	—	0·1	—	0·1	—	0·0	—	0·2	1·4	3
—	0·2	—	1·2	—	1·1	—	0·1	330	1·6	—	1·1	—	1·1	—	0·5	—	0·2	—	1·0	—	0·2	—	0·5	0·5	4
190	2·1	—	0·2	—	0·1	—	0·3	320	1·6	—	0·4	—	0·2	—	0·2	—	0·1	—	0·1	—	0·1	—	0·1	0·7	5
—	0·2	—	1·0	—	0·9	—	0·5	—	0·8	—	0·1	—	0·4	—	0·1	—	0·2	—	0·2	—	0·3	—	0·1	**0·4**	6
—	0·1	—	0·5	—	0·4	—	1·0	180	4·9	160	6·5	160	7·6	160	9·1	160	9·9	170	9·8	180	9·2	180	11·0	3·0	7
190	15·5	260	10·1	220	5·9	180	3·8	190	6·2	190	7·5	190	5·9	200	6·0	230	6·3	220	5·3	230	8·5	220	8·3	**11·0**	8
210	13·3	230	14·0	240	12·7	250	14·5	260	14·6	260	12·4	260	10·6	260	10·1	250	8·0	260	8·0	250	7·1	250	8·5	10·0	9
290	13·4	290	11·6	290	12·6	300	10·5	280	6·1	290	6·9	290	9·0	290	8·4	290	9·9	290	10·2	10	6·4	250	4·8	9·6	10
290	14·6	300	14·6	300	12·5	300	8·8	310	6·1	310	6·0	310	6·7	330	6·7	350	4·0	170	1·6	360	2·3	330	5·7	7·5	11
350	4·4	350	4·1	340	4·2	330	3·0	360	1·8	350	3·4	10	2·0	310	3·0	330	3·7	340	2·3	—	1·4	320	1·6	4·2	12
210	2·4	280	1·6	—	1·3	—	0·7	360	4·0	20	4·5	—	1·5	360	3·8	360	3·2	—	1·0	—	0·6	—	0·3	1·4	13
360	8·5	10	8·8	360	8·0	360	5·6	360	6·5	360	5·6	350	6·9	350	7·0	360	5·6	340	4·4	10	1·9	—	1·2	6·7	14
—	1·2	—	0·2	—	0·1	—	0·0	—	0·1	—	0·0	360	2·1	—	1·5	—	1·5	—	1·5	—	1·0	—	0·5	1·8	15
220	2·1	240	2·6	210	2·6	280	4·6	260	3·9	250	3·5	240	2·8	200	2·3	180	4·3	210	3·8	220	3·9	240	4·6	2·5	16
290	9·0	290	10·3	290	9·1	290	10·6	290	10·0	300	10·5	290	9·9	290	10·6	290	12·9	290	13·5	290	10·4	280	9·6	8·8	17
260	9·8	270	8·6	260	8·2	260	6·1	260	7·5	250	5·6	30	4·8	360	4·6	10	4·3	20	4·6	40	5·9	40	5·9	6·5	18
40	5·0	40	4·7	30	5·2	40	4·9	40	5·0	50	5·0	50	5·1	40	7·0	50	6·6	70	7·2	70	7·9	50	5·1	5·9	19
70	12·0	70	11·5	60	10·4	50	10·2	50	9·0	50	8·5	40	8·6	40	9·1	40	8·9	40	7·6	40	8·5	40	8·0	9·8	20
40	7·5	40	7·2	50	8·7	50	7·8	40	6·8	50	6·0	40	6·5	50	8·0	50	7·4	40	7·3	40	6·5	40	5·9	6·8	21
30	10·1	30	11·1	30	11·9	20	13·4	20	13·2	20	13·0	20	11·5	20	9·0	10	8·5	360	9·2	360	8·5	360	7·6	9·7	22
250	10·6	240	9·3	250	8·9	240	5·6	240	5·0	230	2·2	—	0·9	—	1·5	—	0·4	—	1·1	10	2·0	350	2·3	4·7	23
280	9·4	280	8·5	270	11·1	270	9·5	270	8·1	270	9·2	270	4·6	20	2·3	160	3·4	210	3·5	—	0·9	270	2·4	**7·4**	24
—	0·1	—	0·4	—	0·2	—	0·5	—	0·5	—	1·0	—	0·3	—	0·2	—	0·7	340	1·6	—	0·6	—	1·0	0·7	25
190	5·9	170	3·7	190	3·5	180	2·9	180	2·5	170	2·0	180	3·7	170	4·8	170	6·2	200	9·1	220	10·1	230	10·4	4·4	26
210	9·5	220	10·1	210	11·1	210	10·1	210	10·0	210	10·3	220	11·4	210	10·0	210	8·6	220	10·6	220	10·6	220	11·5	10·4	27
210	8·0	210	5·2	170	2·0	—	0·6	160	2·3	—	0·7	—	1·0	200	5·5	190	6·3	230	6·4	200	5·5	190	8·5	7·7	28
220	12·9	220	9·0	210	9·6	220	10·9	240	8·6	220	5·3	200	4·2	200	4·1	170	4·3	190	8·2	210	9·6	220	12·2	9·4	29
220	12·4	200	8·6	190	8·9	200	10·8	220	10·7	200	6·5	190	6·4	190	6·6	180	8·5	200	8·0	320	7·4	290	9·7	7·8	30
—	0·6	—	1·0	290	1·6	20	2·6	40	6·0	360	4·4	360	3·5	340	3·5	350	4·1	—	1·4	—	0·1	—	0·7	5·1	31
—	**6·8**	—	6·2	—	5·9	—	5·4	—	5·5	—	5·0	—	4·7	—	4·9	—	5·0	—	5·0	—	**4·7**	—	5·1	5·6	—
—	5·9	—	**5·9**	—	5·8	—	5·5	—	5·3	—	4·9	—	4·5	—	4·4	—	4·2	—	4·2	—	4·0	—	**4·0**	4·8	

HIGHEST INSTANTANEOUS WIND SPEED RECORDED EACH DAY BY THE DINES TUBE ANEMOGRAPH.

195. Eskdalemuir : H_a = 235 metres + 15 metres. **1925.**

Day.	Jan. Max. in a Gust.	Jan. Time of Gust.	Feb. Max. in a Gust.	Feb. Time of Gust.	Mar. Max. in a Gust.	Mar. Time of Gust.	April Max. in a Gust.	April Time of Gust.	May Max. in a Gust.	May Time of Gust.	June Max. in a Gust.	June Time of Gust.
	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.
1	30	16 0	23	5 10	21	19 0	13	0 20	13	6 30	19	15 35
2	30	18 20	20	12 55	18	0 50	17	9 50	12	15 15	14	8 45
3	31	1 35	22	17 50	12	3 20	9	14 0	10	9 45	19	10 50
4	11	0 20	24	23 40	9	14 50	17	11 25	9	21 10	10	11 30
5	11	17 0	23	5 45	**25**	13 55	13	14 45	11	18 15	9	11 50
6	14	0 30	15	16 15	21	1 35	12	5 15	18	15 45	6	11 20
7	19	10 35	17	5 35 23 55	18	9 20	5	10 30	15	11 45	9	18 55
8	18	9 40	**29**	17 5	19	9 55	5	22 35	14	10 25	8	16 55
9	19	2 25	18	0 30	18	7 25	13	15 50	7	14 10	6	14 0
10	15	13 35	**29**	12 30	12	0 25	7	8 0	8	15 55	7	16 50
11	12	2 50	7	0 1	12	0 55	7	15 20	19	8 25	10	12 40 15 35
12	10	0 45	19	10 10	9	9 20	9	14 40	18	17 10	7	19 45
13	21	9 40	16	8 30	15	19 25	18	16 55	7	12 45	**21**	17 35
14	**31**	5 10	11	18 5	18	9 0	14	0 5	8	1 30	13	1 45
15	17	7 30	10	22 0	8	16 30	**29**	12 25	11	14 55	13	14 10
16	13	12 30	**16**	23 50	11	14 30	24	2 10	11	23 35	18	16 15
17	14	21 55	19	9 15	10	13 10	19	0 40	14	1 55	12	16 50
18	18	11 35	14	5 5	10	16 25	20	19 10	11	0 35	14	9 0
19	9	8 55	10	13 25	15	10 45	19	8 40	14	7 0	12	17 55
20	5	0 30	6	14 5	10	15 25	10	16 15	11	15 55	11	20 35
21	6	12 30	8	12 10	13	14 10	11	23 55	10	12 55	13	9 55
22	5	0 35	12	23 10	12	1 20	28	18 45	9	20 20	10	19 50
23	21	12 20	16	1 5	17	13 50	17	15 10	14	12 30	12	12 30
24	12	2 25	19	17 35	18	12 25	16	14 0	19	10 50	14	13 35
25	12	16 35	13	20 5	22	10 5	17	10 5	9	15 15	11	16 15
26	13	20 55	14	7 10	12	1 5	15	16 0	16	20 5	12	11 20
27	10	11 55	12	8 10	11	21 30	13	18 15	18	8 20	12	9 55
28	11	22 35	10	22 15	15	23 10	12	20 40	22	21 15	7	12 15
29	27	11 25	—	—	19	19 20	9	15 45	22	3 45	15	16 15
30	25	22 35	—	—	23	15 30	11	17 5	**24**	13 20	12	8 30
31	26	0 25	—	—	21	16 35	—	—	20	13 5	—	—

Day.	July Max. in a Gust.	July Time of Gust.	Aug. Max. in a Gust.	Aug. Time of Gust.	Sept. Max. in a Gust.	Sept. Time of Gust.	Oct. Max. in a Gust.	Oct. Time of Gust.	Nov. Max. in a Gust.	Nov. Time of Gust.	Dec. Max. in a Gust.	Dec. Time of Gust.
	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.
1	9	16 30	10	11 05	15	8 10	9	8 20	16	21 0	13	4 45
2	15	16 20	10	6 30 20 35	**21**	18 10	10	23 55	15	14 20	11	14 40
3	11	11 25	12	12 30	21	1 50	16	7 20	10	23 30	7	1 10
4	9	14 25	6	15 10	17	16 50	17	1 30	11	2 30	3	18 55
5	9	16 25	12	16 0	10	5 25	7	16 30	8	23 30	5	11 40
6	11	12 50	11	19 20	13	4 25	7	12 50	7	0 35	4	16 45
7	15	17 0	19	14 25	16	19 30	12	8 50	21	14 25	16	24 0
8	13	14 15	9	15 30	11	17 5	5	9 30	21	4 35	**24**	12 15
9	14	23 30	19	15 30	18	23 55	13	9 25	5	14 20	23	15 15
10	16	17 25	10	2 10	19	0 45	7	15 55	10	12 0	22	11 45
11	13	9 0	12	16 35	9	13 40	15	22 40	4	14 20	22	12 40
12	9	16 30	17	5 10	7	10 15	11	1 20	7	12 35	12	4 5
13	9	15 55	11	21 10	12	14 25	15	21 55 24 0	5	13 5	9	17 30
14	13	14 10	8	0 20	12	15 50	19	8 55	4	18 5	11	8 35
15	10	1 45	9	14 30	15	14 15	7	12 50	4	14 40	7	1 5
16	11	15 10	9	14 55	13	1 15	8	11 25	7	20 40	8	16 15
17	13	19 15	6	16 15	5	14 0	**24**	22 45	7	10 50	20	22 25
18	15	14 55	7	8 10	13	13 15	21	2 30	6	13 0	19	0 10
19	9	11 50	6	7 15	9	10 55	13	23 10	3	17 5	12	23 15
20	11	12 30	5	11 0	17	13 0	10	5 15	3	15 30	21	8 50
21	6	18 50	12	16 0	12	16 0	17	13 25	3	15 50	12	15 10
22	13	14 25	17	10 25	9	9 50	16	12 30	6	13 0	19	16 0
23	**19**	19 05	13	13 35	14	10 55	15	11 15	6	23 5	15	13 0
24	17	15 35	9	16 55	15	14 15	11	3 0	19	23 35	17	15 25
25	10	00 01	8	13 45	9	24 0	12	17 25	**23**	5 35	5	0 5
26	13	1 25	9	17 20	18	7 40	22	15 20	13	22 30	14	22 20
27	10	14 10	13	14 25	12	10 35	23	19 20	18	5 0	19	18 35
28	11	16 40	17	13 50	13	22 40	18	20 10	19	10 20	21	3 0
29	10	14 40	**24**	10 25	17	1 20	21	16 45	14	3 45	21	23 35
30	11	15 0	17	3 35	9	17 55	10	11 55	16	18 5	22	0 10
31	12	18 45	18	14 15	—	—	6	10 30	—	—	22	3 35

DISTRIBUTION OF WIND SPEED: EXTREME VELOCITIES AS RECORDED BY THE DINES TUBE ANEMOGRAPH.

196. Eskdalemuir : H_a = 235 metres + 15 metres. **1925.**

Month.	DISTRIBUTION OF WIND SPEED.								EXTREME VELOCITIES.							
	More than 17·1 m/s.		10·8 to 17·1 m/s.		5·5 to 10·7 m/s.	1·6 to 5·4 m/s.	Less than 1·6 m/s.	No. Record.	Highest Hourly Wind.				Highest Gust.			
	Dates of Occurrence.	Duration.	No. of Days.	Duration.	Duration.	Duration.	Duration.	Duration.	Veer from N.	Speed.	Mid Time.		Speed.	Date.		
		hr.		hr.	hr.	hr.	hr.	hr.	°	m/s.	day.	hour.	m/s.	day.	h.	m.
Jan.	1st, 2nd, 3rd, 14th	9	13	98	259	268	110	0	180	22	14	5	31	14	5	10
Feb.	10th	2	12	68	250	211	140	1	220	18	10	13	29	8 10	17 12	5 30
Mar.	—	0	10	54	287	298	105	0	230	17	30	14	25	5	13	55
April	22nd	4	9	50	250	263	153	0	210	19	22	19	29	15	12	25
May	—	0	8	68	185	348	143	0	240	16	30	8	24	30	13	20
June	—	0	2	2	183	384	151	0	210	11	3	11	21	13	17	5
July	—	0	2	9	216	390	129	0	50	13	24	16	19	23	19	5
Aug.	—	0	4	15	157	380	184	8	230	14	9	16	24	29	10	25
Sept.	—	0	7	13	279	297	131	0	230	12	29	1	21	2	18	10
Oct.	—	0	10	57	224	298	165	0	240	15	17	23	24	17	22	45
Nov.	—	0	6	37	126	246	311	0	50	14	7	13	23	25	5	35
Dec.	—	0	13	87	290	184	183	0	180	11	8	7	24	8	12	15
Year	6	15	96	558	2,706	3,567	1,905	9	180	22	Jan. 14	5	31	Jan. 14	5	10

MINIMUM TEMPERATURE "ON THE GRASS" DURING THE INTERVAL 18H. TO 7H. G.M.T.

Readings, in degrees absolute.

197. Eskdalemuir. **1925.**

Day.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	72·7	71·1	73·9	69·9	74·1	78·1	78·9	78·2	80·1	72·5	78·2	68·2
2	73·0	74·0	74·0	75·0	**68·2**	75·9	79·0	76·2	78·0	75·3	81·0	64·3
3	73·2	74·2	72·0	**66·1**	78·4	76·0	76·3	75·0	76·7	81·7	78·1	71·0
4	70·9	73·4	68·9	67·1	78·5	82·1	83·2	75·1	73·1	81·0	74·5	65·0
5	72·5	76·2	69·2	73·5	76·3	74·5	75·1	73·8	76·3	78·1	78·1	62·0
6	69·5	73·9	78·8	76·0	77·1	81·0	78·8	84·0	74·5	82·6	73·9	**60·0**
7	74·0	72·0	74·7	71·1	76·8	77·1	81·8	78·1	75·0	79·5	73·7	65·8
8	75·2	73·0	70·0	72·0	77·5	76·2	77·4	85·1	80·1	71·5	71·2	76·8
9	72·9	75·1	67·1	73·1	77·3	79·1	81·2	79·8	77·5	68·2	65·5	73·2
10	69·7	73·5	68·1	76·7	76·5	77·9	83·1	83·0	75·0	67·5	62·6	73·3
11	78·7	73·0	69·8	73·5	75·8	81·0	81·7	77·1	77·5	72·9	62·9	68·8
12	75·0	71·9	69·4	68·7	76·9	83·0	—	82·1	70·0	78·2	61·3	70·8
13	73·0	71·5	67·6	72·4	73·1	74·5	81·4	86·5	69·5	75·1	62·3	65·1
14	78·5	71·0	76·3	73·6	77·0	77·9	77·6	82·0	76·8	70·1	64·2	63·0
15	74·2	72·8	75·0	76·2	76·9	81·3	85·9	79·0	74·7	68·0	**61·2**	65·4
16	72·0	73·0	73·4	72·2	79·1	81·2	—	**71·5**	80·3	**65·5**	65·9	67·9
17	76·5	73·4	75·3	75·7	81·0	74·1	84·0	73·0	69·8	69·5	69·9	75·3
18	79·5	74·0	70·2	77·0	80·6	74·0	83·9	77·6	78·7	79·1	68·0	76·7
19	74·7	69·0	73·0	74·2	82·5	74·1	75·6	82·2	80·7	70·8	63·0	70·9
20	76·1	68·1	73·8	66·7	83·1	83·0	79·0	81·6	73·8	76·1	65·0	70·9
21	74·9	70·3	**63·5**	66·6	72·6	79·6	83·8	84·9	73·2	81·0	64·0	71·7
22	**67·9**	**64·5**	65·3	73·2	72·7	**71·6**	81·2	84·1	72·8	83·0	73·3	71·6
23	68·5	70·4	69·0	73·4	78·5	—	86·1	83·7	73·0	81·0	67·8	63·1
24	74·6	68·0	72·9	72·8	80·5	76·7	85·3	77·7	73·5	80·9	67·2	66·8
25	73·1	72·2	68·3	72·3	80·0	73·8	84·5	77·1	**68·8**	73·2	69·9	65·5
26	73·1	73·2	72·7	71·7	79·3	79·7	83·6	72·1	78·3	79·5	61·9	65·7
27	74·0	74·3	66·5	73·6	81·0	74·2	**75·0**	78·2	72·8	79·5	67·9	74·1
28	72·8	73·0	73·5	74·0	78·0	73·9	75·9	74·1	76·5	77·0	69·0	76·0
29	73·2	—	75·0	73·0	78·9	77·3	78·0	82·1	85·2	78·1	69·1	76·7
30	73·0	—	76·5	68·6	79·9	83·1	81·9	80·5	78·2	80·3	68·4	75·0
31	75·0	—	77·6	—	75·9	—	78·9	84·3	—	78·1	—	75·0
Mean	73·6	72·1	71·7	72·3	77·5	77·7	80·6	79·3	75·7	76·0	68·6	69·5

NOTES.—(1) The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 is written 75·0.
(2) The minimum refers to the interval from 18h. the previous day to 7h. on the day to which it is entered. Mean for June is for 29 days only. Mean for July is for 29 days only.
(3) Annual Mean 274·5.

198. Eskdalemuir. **January, 1925.**

Day.	Cloud Forms. 7^h	Cloud Forms. 13^h	Cloud Forms. 18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	St-Cu.	Nb.	Nb.	10	10	10	10	10	8	...	...	d$_0$	●≡^{0}	●≡^{0}	...	o, o ✱ ≡, od *a* : o ● ≡^{0} and o d ≡^{0} *p* : o, bc, c *n* :
2	St.	A-Cu.	St-Cu.	10	10	9	6	10	9	...	✸^{0}	...	...	...	...	o ● ш, o ✸, o ● ≡^{0} *a* : o, bc, o *p* : [o and c *n* :
3	St-Cu.	Nb. : St-Cu.	St-Cu.	2	8	9	9	1	7	...	...	...	...	...	⊔	o ш (1 to 3 hrs.) b, op ✸ *a* : c, p ●, b *p* : b ⊔ to c ⊔ *n* :
4	St.	Ci. : A-St. : St-Cu. : Fr-St.	St.	10	10	9	9	10	10	...	...	...	...	⊔≡^{0}	≡^{0}	o ⊔, p ✱^{0}, o *a* : o, o ≡^{0}⊔ *p* : o ≡^{0} *n* :
5	St-Cu.	St-Cu.	St-Cu	5	5	9	10	3	3	...	...	...	...	...	...	o ●^{0}, bc, cp✱^{0}, o *a* : o, p ✸ b *p* : b : [and c : p ✸ : *n* :
6	—	Ci-St.	St-Cu. : Ci-St.	0	0	4	7	9	10	⊔	⊔	...	...	...	...	b ⊔, bc *a*:c to o *p*:o, od$_0$ *n*: ⊕ at 13h. 55m
7	St-Cu.	St-Cu. : Ci-St.	Nb. : St-Cu.	10	10	8	10	9	10	...	...	...	...	●^{0}	...	o, p ●^{0}, c *a* : o to o ●^{0} *p* : o *n* :
8	Nb.	Nb.	Nb.	10	10	10	10	10	10	●≡^{0}	●≡^{0}	●≡^{0}	●≡^{0}	●≡^{0}	●^{0}≡^{0}	o, o ● ≡^{0} *a* : o ● ≡^{0} and o *p* : o ●^{0} ≡^{0} and o *n* :
9	St-Cu.	Cu. : Ci-St.	St-Cu. : A-Cu.	1	1	3	5	4	3	...	...	...	...	...	⊔	o ●^{0} ≡^{0} early, b *a* : b and bc *p* : [bc, b ⊔ *n* :
10	St-Cu.	St. : Nb.	St-Cu.	10	10	10	10	10	10	...	...	●^{0}	...	...	...	bc, op ●^{0}, o *a* : o *p* : ,o ●^{0} ≡^{0} *n* :
11	St-Cu.	St. : St-Cu.	St-Cu.	10	10	10	10	10	10	...	...	...	...	...	...	o ●^{0} and o *a* : op ●^{0}, o *p* : o*n* :
12	St.	St.	St.	10	10	10	10	10	10	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	o, o ≡^{0} *a* : o ≡^{0} *p and n* :
13	St.	St.	St.	10	10	10	10	10	10	≡^{0}	≡^{0}e	...	≡^{0}	≡^{0}	≡^{0}	o ≡^{0}, o ●^{0} ≡^{0}, o ≡^{0}e *a* : o ≡^{0} *p and n* :
14	Nb.	St-Cu.: Ci-Cu.	St-Cu.	10	10	8	9	10	3	d≡^{0}ш	...	...	...	...	...	o ≡^{0}, o ● ≡^{0}ш (5-7h.) od ≡^{0}, o *a* : c, o *p* : o to b *n* :
15	Fr-Cu.	St-Cu.	—	2	5	7	9	0	2	...	...	...	...	...	...	b, cp$_0$, bc *a* : c, bc *p* : b *n* :
16	St-Cu. : Ci-St.	St-Cu.	Nb.	2	7	9	10	10	10	...	...	...	...	d$_0$ ≡^{0}	≡^{0}	b to o *a* : o, od$_0$ ≡^{0} *p* : od$_0$ ≡^{0}, o ≡^{0} *n* :
17	Nb.	St.	St.	10	10	10	10	10	10	d≡^{0}	d≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	od ≡^{0}, o ≡, o ≡^{0} *a* : o ≡^{0}, o ● ≡^{0}, o ≡^{0} *p* : o ≡^{0} *n* :
18	St.	St.	St.	10	10	10	10	10	10	≡^{0}e	≡^{0}e	≡^{0}	≡^{0}	≡^{0}	≡^{0}	o ≡^{0} e, od$_0$ ≡^{0}, o ≡^{0} *a* : o ≡^{0} *p and n* :
19	St.	St. : St-Cu.	St. : St-Cu.	10	10	10	9	10	10	...	...	≡^{0}	≡^{0}	≡^{0}	≡^{0}	o ≡^{0}, o *a* : o ≡^{0} *p and n* :
20	St.	St.	St.	10	10	10	10	10	10	≡^{0}	d$_0$ ≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	o ≡^{0} d$_0$, o ≡^{0} *a* : o ≡^{0} *p and n* :
21	St.	St.	St.	10	10	10	10	10	10	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	o ≡^{0} *a, p, and n* :
22	A-St.	—	Ci.	1	3	0	4	1	0	≡^{0}⊔	≡^{0}⊔	≡^{0}	≡^{0}	≡^{0}	≡^{0}⊔	o ≡^{0}, b ≡^{0}⊔ to b ≡^{0} : *a* : b & bc ≡^{0} [*p* : b ≡^{0} ⊔ *n* :
23	Nb.	St.	St.	10	8	10	10	10	8	●^{0}≡^{0}	p ●^{0}	...	d$_0$	...	...	b ≡^{0}⊔, o ≡^{0}, cp$_0$ ●, od$_0$ *a* : od^0 o ●^{0}, o *p* : o, cp ●^{0}, c *n* :
24	St-Cu.	St Cu. : A-Cu.	St-Cu.	9	9	5	8	9	9	...	...	...	...	...	...	o, o ●, o to bc *a* : bc to o *p* : o to b *n* :
25	St-Cu.	St-Cu. : A-St.	St-Cu.	9	9	10	9	4	10	...	...	...	...	...	...	b to o, c *a* : o, op$_0$, bc *p* : b, o *n* :
26	St. : St-Cu.	St-Cu.	St. : St-Cu.	10	9	9	9	10	10	...	d$_0$	...	...	...	...	o, od$_0$, c, o *a* : o *p and n* :
27	St-Cu.	St-Cu.	St.	10	10	10	9	10	10	...	...	...	...	≡^{0}	≡^{0}	o, oc *a* : o, o ≡^{0} *p* : o ≡^{0} *n* :
28	Nb.	St.	Nb.	10	10	10	10	10	9	...	≡^{0}	≡^{0}	≡^{0}	d ≡^{0}	...	⊠ 1 cm. op ✱^{0}≡^{0}, o ≡^{0} *a* : o' ≡^{0}, od ● ≡^{0} *p* : od ≡^{0}, o *n* :
29	Nb.	Nb.	St.	10	10	10	10	1	10	p✱^{0}≡^{0} ✸≡^{0}	●≡^{0}	●	...	...	✸^{0}≡^{0}	o ●^{2}≡^{0}, o ● *a* : o ●, p ✸, b *p* : b, o, bc, o ✱ ≡^{0} *n* :
30	St-Cu. : A-St.	Nb.	Nb.	8	10	10	10	10	10	...	p ●^{0}	d	...	d ≡^{0}	d ≡^{0}	oc, op ●^{0}, od *a* od ≡^{0} : *p* : od ≡^{0}, [o ● ≡^{0} *n* :
31	Nb. : St-Cu.	St. : A-St.	St-Cu.	10	10	10	10	9	8	●^{0}	p$_0$	...	●^{0}	...	≡^{0}	o, bc, op$_0$ *a* : op ●^{0}, c *p* : op ✸ ≡^{0}, o ✱ ≡^{0}, c *n* :
Mean Cloud Am'nt.				8·0	8·5	8·7	9·1	8·1	8·4							

199. Eskdalemuir. **February, 1925.**

Day.	Cloud Forms. 7^h	Cloud Forms. 13^h	Cloud Forms. 18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	St-Cu. : St.	St-Cu.	St-Cu.	7	3	9	8	8	10	...	...	...	...	...	...	⊠ o, p ✱ ≡^{0}, c, b, o *a* : o, c, p$_0$, bc *p* : c, o, p *n* :
2	St.	Nb.	St-Cu.	10	10	10	10	1	9	≡^{0}	...	d$_0$ ≡^{0}	d$_0$ ≡^{0}	...	...	op, o ≡^{0}, od$_0$ ≡^{0} : *a* : od$_0$ ≡^{0}, b : *p* [b to o : *n*:
3	Nb.	St. : St-Cu.	Nb. : A-St.	10	10	10	10	10	2	d$_0$ ≡^{0}	d$_0$ ≡^{0}	d^0	d$_0$ ≡^{0}	q ● ≡^{0}	...	od ≡^{0}, od$_0$ ≡^{0} *a* : od ≡^{0}, oq ● ≡^{0} *p* : oq ● ≡^{0}, b *n* :
4	St. : St-Cu.	St-Cu.	St-Cu.	9	10	10	9	10	10	...	p$_0$	...	...	●^{0}	●^{0}≡^{0}	bc, op, o *a* : o, op △✱ at 15 h. 15 m. o ●^{0} *p* : o ● ≡^{0} *n* :
5	Nb.	St-Cu.	St-Cu. : A-St.	10	10	10	9	10	2	●≡^{0}	●	...	...	...	...	o ● ≡^{0}, o ●, o *a* : op ✸, co *p* : [o ●^{0}, c, b *n* :
6	Nb.	St-Cu.	Nb. : A-St.	10	8	8	10	9	10	d$_0$	...	...	...	≡^{0}	p✱^{0}	bc, od$_0$, op ✸, c *a* : c, op ●^{0}, c o ✱^{0} : *p* : o ≡^{0}, bc, o ✱^{0}, b *n* :
7	St-Cu.	Cu.	St-Cu. : A-St.	1	1	1	2	10	10	...	...	...	...	...	...	bc, b *a* : b, bc *p* : bc to o, o ● *n* :
8	Nb.	Nb.	St-Cu.	10	10	10	10	10	2	●≡^{0}	...	●	●≡^{0}	...	...	o ● ≡^{0} and o *a* : o ● ≡^{0}, o ●^{2} q *p* : op ●, b *n* :
9	St.	St.	Nb.	10	10	10	10	10	2	...	●^{0}	...	d$_0$ ≡^{0}	●	...	o, o ● *a* : od ≡^{0}, o ● and o *p* : op [●, b, o *n* :
10	Nb.	St.	Nb. ; St.	10	10	10	10	10	10	●	...	●	...	●≡^{0}	●≡^{0}	o ●, o, o ●ш 12-13 h. *a* : o ●, △, o ● *p* : o ● ≡^{0} *n* :
11	St.	Nb.	Nb.	10	10	10	10	10	10	≡^{0}	...	d$_0$	✱≡^{0}	✸^{0}≡^{0}	✱≡^{0}	⊠, 3 cms. o ✱ ≡^{0}, o ≡^{0}, o, o ≡, od$_0$ *a* : od$_0$ o ✱^{0} ≡^{0} *p* : o ✱ ≡^{0} *n* :
12	St. : St-Cu.	St-Cu.	St. : St-Cu.	10	10	9	6	8	10	...	...	...	...	...	...	⊠, 4 cms., o ✱ ≡^{0}, oc, op ✱^{0} *a* : bc, c *p* : co, p ✱^{0}, o *n* :
13	St.	St. : St-Cu.	St. : St-Cu.	10	10	9	6	8	1	...	✱^{0}≡^{0}	...	...	...	⊔	⊠, o, o ✱ ≡^{0}, op ✱, p △ *a* : bc, c [*p*: c, b ⊔, o *n* :
14	Nb.	Nb.	Nb.	10	10	10	10	10	10	d$_0$ ≡^{0}	✸^{0}≡^{0}	✸≡^{0}	✸≡^{0}	✱≡^{0}	✸≡^{0}	o, c, od$_0$ ≡^{0}, o ✸ ≡^{0} *a* : o ✸ ≡^{0}, o ✱ ≡^{0} *p* : o ✱ ⇞ ≡^{0} *n* :
15	Nb.	Nb.	St.	10	10	10	10	10	10	✱^{0}≡^{0}	✱≡^{0}	✱≡^{0}	✱^{0}	...	≡^{0}	⊠ 15 cms. ⇞ 60 cms. o, ✱^{0} ≡^{0} *a* : o ✱^{0} ≡^{0}, o ✱^{0} *p* : od$_0$ ≡^{0} : *n* :
16	Nb.	St.	St.	10	10	10	10	10	10	≡^{0}	●^{0}≡^{0}	≡^{0}	...	p$_0$ ≡^{0}	≡^{0}	⊠ 8 cms., op ●^{0}, o ≡^{0}, o ● ≡^{0} *a* : o ≡^{0}, op ●^{0} *p* : op$_0$ ● ≡^{0}, o ≡^{0} *n* :
17	St-Cu. : A-St.	St-Cu. : A-St.	St-Cu.	9	9	8	8	6	8	...	...	...	...	...	...	⊠ in patches, o, op$_0$ ✱ c *a* : c, bc *p* : bc, op ●^{0}, c *n* :
18	St-Cu.	St-Cu. : A-St.	St-Cu.	8	9	9	10	7	1	...	...	...	...	...	...	b, o ●^{0}, c *a* : o, c *p* : c, bc, b *n* :
19	Cu. : St-Cu.	St-Cu.	St-Cu.	8	3	4	5	5	0	⊔	...	...	...	...	...	b, b ⊔, c ⊔, bc *a* : bc, c *p* : bc, b *n* :
20	St-Cu.	Cu. : St-Cu.	St-Cu.	1	6	7	9	10	10	⊔	⊔	...	...	...	...	b ⊔ to c *a* : c, o *p* : o *n* :
21	St.	Nb.	Nb.	10	10	10	10	10	10	≡^{0}	p✱^{0}	✱^{0}≡^{0}	✱^{0}≡^{0}	✱^{0}≡	✱^{0}≡^{0}	o ≡^{0}, op ✱^{0}, o ✱^{0} ≡^{0} *a* : o ✱^{0} ✸^{0} ≡^{0} *p* : o ✱^{0} ≡, o ✱ ≡^{0} *n* :
22	St.	St.	St-Cu. : A-St.	10	6	10	10	9	10	≡	≡^{0}	≡^{0}	≡	≡^{0}	≡^{0}	⊠ 2 cms, o ≡, bc ≡^{0}, o ≡ *a* : o ≡ to c ≡^{0} *p* : o ≡^{0} *n* :
23	Nb.	Nb.	St.	10	10	10	10	10	9	✱^{0}≡^{0}	✱^{0}≡^{0}	✱^{0}≡^{0}	✸^{0}≡^{0}	≡^{0}	≡^{0}	⊠ 8cms, o ✱^{0} ≡^{0} *a*: o ✸^{0} ≡^{0}, o ≡^{0} *p*: o ≡^{0} *n*
24	St-Cu. : A-Cu.	St. : A-Cu.	Nb.	3	6	9	10	10	10	⊔	...	...	✱≡^{0}	●≡^{0}	≡^{0}	⊠ 6 cms, bc, b ⊔, o *a* : o, o ✱ ≡^{0}, o ● ≡^{0} *p* : o ≡^{0} *n* :
25	St. : A-St.	Cu. : F-St.	St-Cu	10	9	3	5	10	10	≡^{0}	≡^{0}	...	...	...	...	⊠ 3 cms, o ≡^{0}, o ✱^{0} ≡^{0}, c, bc *a* : [b, bc to o *p*: o *n*:
26	Nb.	Nb. : St.	St.	10	10	10	10	10	10	●	●^{0}	●^{0}	...	...	...	o ●, od$_0$ *a* : o, o ●^{0} ≡^{0}, o *p* : o *n* :
27	St. : Nb.	Nb.	St-Cu.	10	10	10	8	5	9	d	...	●	...	...	d$_0$ ≡^{0}	od$_0$, o ● *a* : op ●^{0}, bc *p* : bc, od$_0$ [≡^{0} *n*:
28	St-Cu.	St-Cu.	Nb.	9	8	8	10	10	10	...	...	...	p ●	d	...	o and c *a* : c op ●, od *p* od, o *n*:
Mean Cloud Am'nt.				8·7	8·5	8·7	8·7	8·8	7·7							
Day.	Cloud Forms. 7^h	Cloud Forms. 13^h	Cloud Forms. 18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.

200. Eskdalemuir. **March, 1925.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Nb.	Nb. : St.	St-Cu.	10	9	10	10	10	10	p●≡^{0}	●^{0}	...	●^{0}	...	...	op ●, o ≡^{0}, o ● *a* : o ●^{0}, o *p* : o ●^{0}, o, o ●≡^{0} *n* :
2	St-Cu.	St-Cu.	St-Cu.	6	3	7	8	2	7	...	...	...	...	...	✹^{0}	o ●^{0} ≡^{0}, b, cpc *a* : c, o, p ▲^{0} at 14h. 15m., p ✱, bc *p* : bc, c, p ✱^{0} *n* :
3	St-Cu.	St-Cu.	St-Cu.	7	4	10	10	8	9	...	...	...	p$_0$	...	...	bc, c, op ✱, o *a* : o, op$_0$ c, *p* : c, o *n* :
4	Ci-St.	St-Cu : .Ci.	St-Cu.	2	1	7	8	7	6	...	...	...	...	...	...	b to c *a*: c *p* : c, o, c, bc, ⊓ at 21h. *n* :
5	St-Cu.	St-Cu.	St.	10	10	9	10	10	6	...	...	...	...	...	q	co, o *a* : o *p* : o, bcq, c, o ●^{0} *n* :
6	St-Cu.	St-Cu.	St-Cu.	9	10	10	10	9	3	...	d$_0$	...	...	...	...	o ●^{0}, od$_0$, o *a* : o, op$_0$, c *p* : o to b *n* :
7	St-Cu.	Nb. : St-Cu.	Nb. : St-Cu.	8	9	5	4	5	9	...	...	...	...	p●	p✹	b, op$_0$, c, op ●^{0} *a* : bc, p ✹ *p* : op ● *n* :
8	St-Cu.	A-Cu.	Cu-Nb.	1	10	1	3	1	0	...	✱≡	...	...	...	⊔	⊛ 1cm., op ✱^{0}, b, o ✱≡, b *a* : b, op ✱, b *p* : b, b ⊔ *n* :
9	—	Cu.	St-Cu.	0	1	5	6	1	1	⊔	...	...	...	...	...	b ⊔, bc *a* : bc, b *p* : b *n* :
10	A-St.	Nb. : St-Cu.	Nb.	4	7	10	10	10	5	⊔	...	...	✱≡^{0}	✹≡^{0}	⊔	bc ⊔, c, o *a* : o, o ✱^{0} ≡^{0}, o ✹^{0} ≡^{0} *p* : o, c, bc, b ⊔ *n* : ⊛ 3 cms. at 18h.
11	St. : St-Cu.	St-Cu. : Cu.	St-Cu. : A-Cu.	8	10	7	9	2	8	...	...	...	()	...	⊔	⊛ 2 cm, bc, o, c *a* : c, o () to b *p* : b, c ⊔, b ⊔ *n* : [bc to o ⊔ *n* :
12	St-Cu.	Fr-Cu.	A-St.	2	1	1	2	5	9	⊔	...	()	() y	...	⊔	b and bc ⊔, b, b () *a* : b () y, bc *p* :
13	St.	St.	St-Cu. : A-St.	10	10	10	10	9	10	...	...	...	...	...	...	o ⊔ to o early : o, o ●d ≡^{0}, o *a* : o, op ●, o *p* : o *n* :
14	Nb. : Ci.	Nb. : St-Cu.	St. : St-Cu.	10	9	10	10	10	8	d^0	...	d$_0$	d$_0$	d$_0$	...	o, op ●, od$_0$, o ● *a* : od$_0$ *p* : od$_0$ ≡^{0}, c *n* :
15	St-Cu.	St-Cu.	St-Cu. : Ci.	3	5	9	9	2	7	...	...	...	...	...	...	b, bc, o *a* : o to b *p* : b, o, c *n* :
16	St.	St-Cu.	St-Cu.	10	10	10	9	9	4	≡	≡^{0}	...	...	...	...	c, o, o ≡, o *a* : o, o ●^{0} *p* : o, bc, *n* :
17	Nb. : St-Cu.	St-Cu. : A-Cu.	St-Cu. : Ci.	9	10	9	7	8	1	...	p●^{0}	...	...	...	...	b early, o, op ●^{0}, od *a* : o, c *p* : c, bc, b *n* :
18	St-Cu.	St-Cu.	St-Cu.	10	10	10	9	10	10	⊔	...	...	...	...	...	b ⊔ to o ⊔, o *a* : o : *p and n* :
19	St-Cu.	St-Cu.	St-Cu.	9	7	8	6	9	9	...	...	...	...	...	...	o, c, bc, c *a* : bc to o *p* : o *n* : [✱^{0} *n* :
20	Nb.	Nb. : St-Cu.	Nb. : Cu-Nb. : Cu.	10	10	10	7	8	10	✱^{0}	...	...	...	...	✱^{0}	o✹, o *a* : o ✱, bc, c *p* : o, c, p ✱ △^{0}
21	Cu.	Cu.	Cu. : St-Cu.	1	1	3	7	3	10	...	...	...	...	...	✱^{0}	⊛ 2cms, b *a* : c, o ✱^{0}, c p ✱^{0} *p* : bc, b, o ⊔ ✱^{0} *n* : [30m. to 18h.
22	Cu.	Cu.	St-Cu. : Ci-St.	2	1	1	3	8	10	...	...	()	()	...	...	op✱^{0} early, () b, *a*:b () *p*: c, o *n*: ⊕ 17h.
23	St-Cu. : Nb.	Nb. : St-Cu.	St-Cu.	8	9	9	9	10	7	...	...	...	...	...	...	o and c, o ● *a* : o, op ●, c, o, *p* : o, b, c *n* :
24	Nb. : St-Cu.	St-Cu. : Cu.	St-Cu.	9	6	7	6	4	1	...	...	...	()	...	...	c, o ●, bc, cp ●^{0} ▲^{0} *a* : bc () *p* : bc, op^0, b *n* : [b, op ●, b, c *n* :
25	St-Cu.	Cu. : St-Cu.	Nb. : St-Cu.	8	7	8	10	7	1	...	...	...	p●	...	...	b ⊔, c, p ✹ ▲● *a* : op ✹, ●, c *p* :
26	St-Cu.	St-Cu.	St-Cu.	2	8	8	9	10	10	...	...	...	...	...	...	c, b ⊔, c, o, *a* : c, op △^{0}, o *p* : o, c *n* :
27	—	Fr-Cu.	St-Cu.	0	1	1	2	7	6	⊔	...	...	...	∞	...	bc, b ⊔, b *a* : b, c ∞ *p* : c ∞, bc *n* :
28	St-Cu.	Fr-Cu.	St-Cu. : Fr-Cu.	9	1	2	2	4	7	...	...	y	y	...	...	c, o, by *a* : by, bc *p* : bc, c *n* :
29	St-Cu.	St-Cu. : A-Cu.	Nb. : St-Cu.	9	9	9	10	9	10	...	...	...	...	...	...	c, o *a* : o, c, op$_0$ *p* : o, op$_0$ *n* :
30	St-Cu.	St-Cu.	A-St. : Nb.	10	10	10	10	10	10	...	...	...	...	p$_0$	...	op$_0$, o *a* : o *p* : op$_0$ o *n* :
31	Nb.	Nb.	Nb.	10	10	10	10	10	10	d	d$_0$	●≡^{0}	●≡^{0}	●	d$_0$	o, od, o ●≡^{0} *a* : o ●≡^{0}, o △, o ● *p* : o, od$_0$ *n* :
Mean Cloud Am'nt.				6·6	6·7	7·3	7·6	7·0	6·9							

201. Eskdalemuir. **April, 1925.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu. : Ci.	Cu. : Ci-St.	St-Cu. : A-St.	5	3	7	10	10	10	...	...	y	()y	●^{0}	●^{0}	op✱, bc, cy *a* : cy, () y, o ●^{0} *p*: o and o ●^{0} *n* :
2	St.	Nb.	Nb. : St-Cu. : Ci-St.	10	10	10	10	8	3	...	●^{0}	●	●^{0}	... ()	...	o ●^{0}, od$_0$, o ● *a* : o ●^{0}, c *p* : c, op ✹^{0}, b *n* :
3	St. : St-Cu.	St-Cu.	St-Cu. : Ci-St.	7	10	8	9	2	3	⊔	...	...	...	...	...	b ⊔, o, c *a* : o, b () *p* : b (), b *n* :
4	St-Cu. : Ci.	St-Cu. : A-St.	St.-Cu. : Ci. : Ci-St.	7	9	9	8	9	9	⊔	...	y	y	...	...	b ⊔, c, oy *a* : cy, o *p* : o *n* :
5	Nb.	Nb.	St. : St-Cu.	10	10	10	10	8	10	●^{0}	●^{0}	●^{0}	...	...	...	o, o ●^{0} *a* : o ●^{0}, c *p* : c, o, o ● *n* :
6	St-Cu.	Nb. : St-Cu.	Cu. : St-Cu.	10	10	10	10	8	4	...	...	...	...	...	...	o, o ●, o *a* : o, o, c, *p* : c, bc, bc⌓ *n* :
7	St-Cu.	St. : Cu-Nb.	St. : A-St.	9	8	6	9	10	10	≡^{0}	≡^{0}	∞	...	p$_0$	≡^{0}	b⌓, c, o ≡^{0}, bc ∞ *a* : c, op$_0$ *p* : op$_0$, o ≡^{0} *n* :
8	St. : St-Cu.	St. : St-Cu.	St-Cu. : Ci-St.	10	8	10	10	5	1	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	o, op$_0$, o ≡^{0}, o ●^{0}, o ≡^{0} *a* : c ≡^{0}, b ≡^{0} *p* : b ≡^{0}, o *n* :
9	St. : St-Cu.	St-Cu. : Ci-St.	Nb. : A-St.	9	7	9	9	10	10	≡^{0}	≡^{0}	...	...	●≡^{0}	●^{0}	o, op$_0$: c ≡^{0}, o *a* : o (), q ● ≡^{0} at 16h. 40m. *p* : o ●^{0}, o *n* :
10	St. : A-St.	St-Cu. : Cu.	St-Cu. : Ci-St.	8	10	9	5	8	2	...	...	...	...	...	≡^{0}	o, cp$_0$, c *a* : o, bc, c *p* : c, b ≡^{0} *n* :
11	St. : A-St.	St.	St-Cu. : A-Cu.	10	10	10	10	3	2	...	...	≡^{0}	...	...	≡^{0}	c, o, o≡^{0} *a* : o≡^{0}, b *p*: b, b≡^{0}, o≡⁝ *n* :
12	St-Cu.	Cu.	Ci-St.	2	3	8	5	2	1	⊔	...	...	...	...	...	o ≡⁝ early, b ⊔, b, c *a* : bc, b *p* : b, o *n* :
13	Nb.	St-Cu.	St.-Cu.	10	10	8	6	9	8	●^{0}	●	...	...	...	p	o ●≡^{0}, o, c *a* : c, bc, op$_0$ *p* : o cp and o *n* :
14	St. : Fr-St. : A-Cu.	St-Cu.	Nb. : A-St.	7	8	9	9	10	10	...	...	...	...	●^{0}	●	op$_0$, c *a* : o, o ●^{0} *p* : o, o ● *n* :
15	Nb.	Cu.	St-Cu. : A-Cu.	10	10	6	8	6	9	●	●^{0}	...	...	...	...	o ●^{2} early, o ●, p ✹ ^{2}q, bc *a* : bc, op ✹^{2} *p* : bc, o ✱, o ● *n* :
16	St-Cu.	St-Cu.	St-Cu.	10	3	6	7	5	7	...	...	...	...	...	...	o ● early, b, bc *a* : b, bc *p* : bx, o *n* :
17	Ci-St.: A-Cu.:St-Cu.	Cu. : A-St.	Nb.	8	8	8	10	10	10	...	...	y	...	●^{0}	●	o, bc, cy *a*, o, op$_0$, o ● *p* : o, o ● *n* :
18	Nb.	Nb.	Nb.	10	10	10	10	10	10	●≡^{0}	●≡^{0}	●≡^{0}	●≡^{0}	●	...	o ●≡^{0} *a and p* : o ● and o *n* :
19	St. : Fr-St.	St-Cu.	Cu. : Fr-Cu.	7	8	10	8	2	0	...	p$_0$	...	...	...	...	op early, op$_0$, o *a* : c to b *p* : b *n* :
20	Ci-St.	Fr-Cu.	A-Cu.	1	8	4	4	2	0	⊔	...	y	y	...	...	b ⊔, bcy *a* : bcy, b *p* : b *n* :
21	Ci-St.	Ci.	Ci. : A-Cu.	1	0	1	2	9	7	⊔	...	y	y	∞	≡^{0}	b ⊔, by *a* : by, o ∞ *p* : o, c ≡^{0} *n* :
22	St-Cu.	Nb.	Nb.	10	10	10	10	10	10	...	...	●	●	●≡^{0}	●	o ●≡^{0}, o, o ● *a* : o ●^{2} ●≡^{0} *p* : o ●≡^{0}, o *n* : ⤑ 16–21h.
23	St-Cu.	St-Cu. : Nb.	Cu-Nb. : Fr-Cu. :	4	8	8	9	7	8	...	...	...	p▲^{2}	...	...	bc, c, cp ✱^{0} ▲^{0} *a* : o, p ▲^{2} T ✹ *p* : c, bc, c *n* :
24	St-Cu. : Nb.	Cu-Nb.: Cu. : Ci-Cu.	Cu.	9	9	8	5	4	2	...	...	...	...	...	...	o, op$_0$ early, o, cp ● *a* : c, op ✹, bc *p* : bc, b *n* :
25	St. : St-Cu.	Cu-Nb. : Cu.	St-Cu. : Ci.	8	9	9	7	8	6	...	...	p▲^{2}	...	...	...	b, bc, op ▲^{2} q bc *a* : op ▲ cq *p* : c, bc, b *n* :
26	Cu. : St-Cu.	Cu. : St-Cu.	St-Cu. : Cu.	7	4	9	5	7	10	...	...	...	...	()	...	b, bc, o *a* : cp △, bc *p* : c (), op, o *n* :
27	St-Cu. : Cu-Nb.	St-Cu.	St-Cu.	8	9	9	10	4	9	...	...	...	...	...	p●^{0}≡^{0}	b, cp, o, op △ ● *a* : o, op △, bc *p* : b, op ●^{0} ≡^{0} *n* :
28	St. : St-Cu.	Cu.	St-Cu. : Ci.	9	9	8	8	6	10	...	...	y	() y	() y	●^{0}	o, cy *a* : cy, bcy () *p* : bcy (), o ●^{0} *n* :
29	St-Cu.	St-Cu.	St-Cu.	9	4	9	8	7	6	...	...	...	...	...	...	o, bc, op △, o *a* : c, o T, p △^{2} ✱^{2} *p*: c, bc, *n* :
30	Cu.	Cu. : A-St.	Nb.	3	3	10	10	10	8	⊔	...	...	...	d$_0$ ≡^{0}	...	b ⊔, b, o *a* : o, o ●≡^{0}, od$_0$ ≡^{0} *p* : o, bc, op ●^{0} *n* :
Mean Cloud Am'nt.				7·6	7·6	8·3	8·0	7·0	6·5							
Day.	7h	13h	18h	7h	9h	13h	15h	18h	21h	7h	9h	13h	15h	18h	21h	Remarks.
	Cloud Forms.			Cloud Amount (All Forms).						Weather.						

202. Eskdalemuir. **May, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu.	Cu-Nb : St-Cu.	Nb. : St-Cu. : A-St.	10	9	9	10	9	8	●^{0}	●	...	...	...	...	o ● and o *a* : op ● *p* : o, c *n* :
2	St. : A-St.	Nb. : Cu-Nb.	Nb. : St-Cu.	10	10	10	10	10	10	p_0	...	●≡^{0}	...	...	d_0≡^{0}	b ⊔, op ●^{0}, o ●≡^{0} *a* : o ●≡^{0}, o *p* : od ≡^{0}, o *n* :
3	Nb. : A-St.	St-Cu.	St.	10	10	9	10	10	10	...	d_0≡^{0}	...	...	∞	∞	o, od_0 ≡^{0}, o *a* : o, od_0 ≡^{0} *p* : o ≡^{0} *n* :
4	St.	St.	Nb.	10	10	10	10	10	10	d_0≡^{0}	≡^{0}	∞^{0}	...	●^{0}≡^{0}	●^{0}≡	od_0 ≡^{0}, o ∞ *a* : o, o ●^{0}≡^{0} *p* : o ●^{0}≡^{0} *n* :
5	Nb.	St-Cu. : A-Cu.	Nb. : St-Cu.	10	10	9	6	9	9	●	●	...	...	☈ ∞^{0}	∞^{0}	o, o ● *a* : bc, o, ☈ at 17 h. 59 m. *p* : op ● ☈ ≡^{0}, o ∞^{0} *n* :
6	Nb.	Cu. : Fr-Cu.	St-Cu. : Cu. : A-St.	10	10	8	7	9	7	●≡^{0}	●≡^{0}	...	y	...	∞	o, o ●≡^{0}, c *a* : cy, o *p* : o, c ∞ *n* :
7	St-Cu.	St-Cu. : Cu.	Nb.	10	6	9	8	10	10	...	...	...	...	●^{0}≡^{0}	≡^{0}	c, bc, o *a* : c, o ●^{0}≡^{0} *p* : o ●^{0}≡^{0}, o *n*
8	Cu-Nb. : St-Cu.	St-Cu. : Cu.	Nb.	6	9	10	10	10	10	p_0	...	...	p	d	...	bc, cp^0, ☈ 10 h. 20 m. o ▲ 10 h. 25 m. *a* : op ●, d *p* : od, o *n* :
9	St-Cu. : A-Cu.	Nb. : St.	St-Cu.	7	9	10	10	10	10	...	...	p≡^{0}	●^{0}≡^{0}	g	g≡^{0}	o, c, op ●^{0}≡^{0} *a* : o ●≡^{0}, ☈, o ≡^{0} *p* : o ≡^{0} g *n* :
10	St. : St-Cu.	Cu.	Fr-Cu.	10	9	5	8	2	0	...	∞^{0}	y	y	...	≡^{0}	op_0, o, bcy *a* : bcy, b *p* : b, b ≡^{0}, ⊕ at 19 h. *n* :
11	Nb.	Nb.	Cu. : Ci.	10	10	10	7	3	8	●^{0}≡^{0}	●^{2}≡^{0}	●^{0}≡^{0}	...	...	...	c, o ●^{0}≡^{0}, o ●≡^{0} *a* : o ●^{0}≡^{0}, b *p* : b, c *n* :
12	St-Cu.	St-Cu. : Nb.	St.	9	9	10	10	10	10	...	...	p	d≡^{0}	●≡	●≡	c, op *a* : od_0, o ●≡ *p* : o ●≡, o ≡⁝ *n* :
13	St-Cu.	Fr-Cu. : A-Cu.	St-Cu.	6	6	6	5	10	10	...	...	y	y	y	...	o ≡⁝, bc, bcy *a* : bcy, oy *p* : oy, o *n* :
14	Cu. : A-Cu.	St-Cu.	St. : Ci-St. : Ci.	3	4	9	7	7	9	...	...	...	...	...	...	o ● early, b, c, o *a* : o, bc *p* : c, o *n* :
15	St.	St-Cu. : Cu. : A-Cu.	St-Cu. : A-St.	10	10	7	7	9	7	≡^{0}	∞	∞	∞	∞^{0}	≡^{0}	o, o ∞ *a* : c ∞ *p* : o ∞ c, ≡^{0} *n* :
16	St.	Cu. : St-Cu. : Ci-St.	St-Cu. : A-St.	10	10	9	7	10	10	d_0≡^{0}	≡^{0}	...	...	...	...	o ≡^{0}, od_0 ≡^{0}, o *a* : o, c *p* : o *n* :
17	St-Cu.	St-Cu. : Cu. : A-Cu.	St-Cu. : A-St.	9	9	7	9	10	10	...	...	y	y	...	...	o, c, y, T^0 12 h. 58 m. *a* : cy, o ●^{0}, o*p* : o *n* :
18	Fr-St. : A-Cu.	St.	St. : A-Cu	2	10	10	10	7	5	∞^{0}	∞^{0}	∞^{0}	≡^{0}	∞^{0}	∞^{0}	b, b ∞, op ●^{2}, o ∞^{0} *a* : o ≡^{0}, op ● *p* : bc ∞^{0} *n* :
19	St.	Cu-Nb. : St-Cu.	Cu-Nb. : St-Cu.	10	8	10	9	9	10	≡⁝	≡^{0}	...	...	...	∞^{0}	o ≡⁝, op ●, ☈ 12 h. 35 m. *a* : o, bc, o p : o, T, ☇, o ∞^{0} *n* :
20	St.	Nb.	St. : A-St.	10	10	10	10	10	5	≡⁝	≡^{0}	d≡^{0}	●^{0}≡^{0}	...	≡^{0}	o, o ≡⁝, o ≡^{0}, od ≡^{0} *a* : od_0 ≡^{0}, o *p* : o ≡^{0}, bc *n* :
21	St-Cu.	Cu. : Fr-Cu.	Cu. : Ci-St.	10	9	6	4	3	4	...	...	y	y	y	...	b, o ≡^{0}, o, bcy *a* : bcy *p* : by, bc *n* :
22	St-Cu. : A-Cu.	St-Cu.	Ci-St.	9	9	10	8	4	10	⌓	...	...	...	...	...	b, o, ⌓, o *a* : o, c, bc *p* : bc, o, c *n* :
23	St-Cu. : Ci-Cu.	Nb. : A-St.	St. : A-St.	8	10	10	10	10	10	≡^{0}	...	●^{0}≡^{0}	...	≡^{0}	≡^{0}	c ⌓, c ≡^{0}, o, o ●≡^{0} *a* : o ●, o ≡^{0} *p* : o ≡^{0}, o ●^{0}≡^{0} *n* :
24	Nb. : St.	Nb.	Nb. : St-Cu.	10	10	10	10	10	10	●^{0}	≡^{0}	●	●^{0}	●	●≡^{0}	o ●≡^{0} *a* : o ● *p* : o ●, o ●≡^{0} *n* :
25	Nb. : A-St.	St-Cu.	St. : St-Cu.	10	10	10	8	10	10	...	...	...	...	...	●^{0}	o ●^{0}≡^{0} early, o *a* : o, c, o *p* : o, o ●^{0} *n* :
26	St-Cu.:A-Cu.:A-St.	Cu. : Fr-Cu.	Nb. : A-St.	9	8	7	9	10	10	...	...	...	...	●	d_2≡^{0}	o ●^{0} early, o, bc, c *a* : c, o, o ●^{0} *p* : o ● *n* :
27	Nb.	Nb. : St-Cu.	Cu.	10	10	9	6	6	7	●^{2}≡^{0}	●	●^{0}≡^{0}	y	...	...	o ●^{2}, o ●^{0}≡^{0} *a* : o ●^{0}≡^{0}, c, bcy *p* : bc, c, o *n* :
28	Nb. : A-St.	Nb. : Cu. : Fr-Cu.	Nb. : Fr-St.	10	10	9	7	10	10	●	●^{0}	p	...	...	●	o ●, cp ● *a* : op ●, c p : o ●, o ●^{2} *n* :
29	Nb. : A-St.	Nb. : St-Cu.	Nb.	10	10	9	10	10	10	●	●	p	p	●	●^{2}≡^{0}	o ●, op ●^{2} *a* : op ●^{2} q *p* : o ●, o ●^{2}≡^{0} *n* :
30	Nb. : St-Cu.	St-Cu.	Cu-Nb. : Cu.	9	9	9	8	8	10	●^{0}	p_0	...	...	...	...	o ●^{0}, c, op_0 *a* : op^{2}q, c ☈ *p* : c ☈, op_2 q *n* :
31	St-Cu.	Nb. : Cu-Nb.	Nb. : Ci. : Ci- S	9	9	9	9	8	6	...	...	p_2	...	...	...	op_2 o, bc, op_2 *a* : op_2 ●▲ *p* : c, bc *n* :
Mean Cloud Am'nt.	—	—	—	8·9	9·1	8·9	8·4	8·5	8·5							

203. Eskdalemuir. **June, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu. : Ci.	Nb. : St-Cu.	St-Cu. : Ci.	7	9	9	8	7	9	...	p	...	...	...	...	lc, op ● early, c, op ●▲ *a* : op ●^{2} q, c *p* : c, bc, o *n* :
2	St-Cu.	Nb. : St Cu.	Fr-Cu.	9	8	8	7	5	10	...	...	...	...	...	d_0	o, c and op ●▲ q *a* : c, p_0 *p* : bc, od_0, o *n* :
3	St.	Nb.	Nb.	10	10	10	10	10	10	...	...	●≡^{0}	d_0≡^{0}	d_0≡^{0}	≡⁝	o o, o ●≡^{0} *a* : o ●, od ≡^{0} *p* : od_0 ≡^{0}, o ≡⁝ *n* :
4	St.	St.	Cu. : Ci. : Ci-St.	10	10	10	8	4	4	d_0≡^{0}	≡⁝	∞^{0}	...	...	...	o ≡⁝ and opd, o ∞^{0} *a* : o ∞^{0}, bc *p* : bc, b *n* :
5	Ci. : Ci-St.	Ci.	St-Cu. : A-Cu.	3	5	5	6	9	10	...	...	y	y	y	...	b, bcy *a* : bcy, oy *p* : oy, o *n* :
6	Nb. : A-St.	Fr-Cu. : A-Cu.	Fr-Cu. : Ci.	10	5	9	8	6	7	●^{0}	...	...	y	...	...	o, o ●^{0}, bc, o *a* : cy, bc *p* : c *n* :
7	Ci.	Cu. : Fr-Cu.	...	1	1	5	6	0	2	⌓	...	...	...	...	...	bc, b ⌓, bc *a* : bc, b *p* : b *n* :
8	Ci.	Ci.	...	3	1	1	0	0	0	...	...	y	...	...	∞^{0}	b, by *a* : by, b *p* : b, b ∞ *n* :
9	...	...	Ci.	0	0	0	0	1	2	⌓	y	y	y	y	∞^{0}	b ⌓, by *a* : by *p* : by, b ∞ *n* :
10	Ci.	Ci.	Cu.	3	2	2	1	1	1	⌓ ∞^{0}	y	y	y	y	∞^{0}	b ⌓, b ∞, by *a* : by *p* : by, b ∞ *n* :
11	...	Fr-Cu.	St-Cu. : A-Cu.	0	0	1	4	7	9	⌓ ∞^{0}	∞^{0}	y	y	...	...	b ≡^{0} ⌓, by *a* : by, bcy, c *p* : op ●^{0}, o, c *n* :
12	St-Cu. : A-Cu.	St-Cu. : A-Cu.	Cu. : St-Cu.	8	7	9	8	7	1	∞^{0}	...	...	...	...	...	c ∞, o *a* : o, c *p* : c, b *n* :
13	A-Cu.	Nb. : St-Cu. : A-St.	Nb. : A-St.	3	6	10	10	10	8	() ⌓	y	p_0	q	d_0	...	b () ⌓, bcy, op ●^{0} *a* : oq, od_0 *p* : c *n* :
14	Ci.	Ci.	...	6	6	2	6	0	1	⌓	...	() y	y	y	...	bc ⌓ b () y *a* : b () y, bcy *p* : by, b, bc *n* :
15	St-Cu.	St. : St-Cu.	Nb.	10	9	10	10	10	9	...	...	...	...	d_0≡^{0}	∞^{0}	c, oo *a* : oo, od_0 ≡^{0} *p* : od_0 o ∞^{0} *n* :
16	St-Cu. : A-Cu.	St-Cu.	St-Cu.	8	10	8	10	9	8	...	...	...	...	...	...	o, c, o *a* : o *p* : od_0 o, c *n* :
17	Fr-Cu. : Ci.	Fr-Cu.	St Cu.	2	8	8	8	5	2	...	y	y	y	...	...	c, b, cy *a* : cy, oy, bc *p* : bc, b *n* :
18	Cu. : St-Cu.	Fr-Cu.	Fr-Cu. : A-Cu.	7	6	6	4	2	1	...	y	y	y	y	...	c, bcy *a* : bcy, by *p* : by, b ⌓ *n* :
19	St-Cu. : A-St.	St-Cu. : A-St.	Cu. : A-St.	6	6	10	10	10	10	...	y	⊕y	y	...	...	bc, bcy, oy ⊕ *a* : oy ⊕, o *p* : op ●^{0} *n* :
20	Nb. : St-Cu.	St-Cu.	Cu. : A-Cu.	10	10	9	9	7	6	...	...	...	...	...	...	o, op ●^{0}, o *a* : o, c *p* : c, bc *n* :
21	Cu. : A-St.	Cu.	Cu.	3	5	3	4	2	1	...	y	y	y	() y	...	b, bcy, by *a* : bcy, by () *p* : by, (), b *n* :
22	Cu.	Cu.	Fr-Cu : Ci.	2	3	8	8	5	6	⌓	...	y	y	...	...	b ⌓, b, cy *a* : cy, bc *p* : bc *n* :
23	St-Cu. : A-Cu. : Ci.	Cu.	Fr-Cu. : Ci-Cu.	7	4	8	3	2	9	...	...	...	...	...	...	o, c, bc, c *a* : c, b *p* : b, o *n* :
24	Cu. : Ci.	Fr-Cu.	A-Cu.	2	1	1	0	2	1	...	...	y	y	...	...	b, by, b *a*, *p and n* :
25	Cu. : Ci.	Cu.	St-Cu. : Ci.	5	7	5	3	5	5	...	...	...	...	...	...	bc and c *a* : bc, b *p* : b, bc, o *n* :
26	St-Cu.	St-Cu.	St-Cu.	10	10	9	10	10	4	...	∞^{0}	...	...	...	...	o, o ∞^{0} *a* : o *p* : o ●^{0}, b, bc *n* :
27	St-Cu.	Fr-Cu.	Fr-Cu. : Ci.	10	9	5	9	5	5	...	...	...	y	...	...	o o, bc *a* : bc, oy, bc *p* : bc *n* :
28	Cu. : Ci.	Cu. : St-Cu. : Ci-St.	St-Cu.	3	8	9	10	9	2	...	...	y	...	...	...	b, c, oy *a* : oy, o *p* : o, b *n* :
29	St. : St-Cu.	St-Cu.	Cu. : A-Cu. : Ci.	10	10	10	6	4	9	...	...	...	...	...	...	b to o ≡^{0}, o *a* : o, bc *p* : bc to o *n* :
30	Nb.	Cu. : St-Cu.	St-Cu.	10	9	8	9	10	10	d_0≡^{0}	...	...	...	...	●^{0}	o, od_0 ≡^{0}, o, c *a* : c, op_0 *p* : o, o ●^{0} *n* :
Mean Cloud Am'nt				5·9	6·2	6·6	6·5	5·5	5·4							
Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.

204. Eskdalemuir. **July, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Cu. : A-Cu.	Cu. : St-Cu.	Cu. : Cu-Nb.	7	4	9	10	9	7	...	...	y	∞^{0}	∞^{0}	∞^{0}	o ●^{0} early, o, bc, oy *a* : oy, o ∞^{0}, T^0 *p* : o ∞^{0}, bc ∞, c ∞^{0} *n* :
2	St. : St-Cu.	Cu. : A-Cu.	Cu.	9	9	8	5	3	2	...	...	...	y	y	...	o o, c *a* : c—by *p* : by, b *n* :
3	St.	Cu. : St-Cu.	Cu. : St-Cu.	10	10	9	8	6	9	pd$_0$ ≡^{0}	...	...	...	...	...	opd$_0$ ≡^{0} early, c *a* : o and c *p* : bc, o *n* :
4	St-Cu.	Cu. : St-Cu.	St-Cu. : Fr-Cu.	10	9	8	9	9	5	...	...	...	...	...	...	od^0 early, o *a* : c and o *p* : o, bc *n* :
5	St-Cu.	Cu. : St-Cu.	Cu-Nb. : St-Cu.	2	3	7	9	9	8	...	...	y	y	...	...	b, cy *a* : cy, o *p* : o, c *n* :
6	A-Cu. : Ci-St.	St-Cu.	Nb. : A-St.	9	10	10	10	10	10	...	...	...	●^{0}	d$_0$ ≡^{0}	d$_0$ ≡^{0}	o *a* : o, o ●^{0}od$_0$ ≡^{0} *p* : od$_0$ ≡^{0}, o *n* :
7	Fr-St.:St-Cu.:A-Cu.	St-Cu.	Cu.	9	9	9	9	4	8	...	...	y	...	...	...	od$_0$, o, oy *a* : o, bc *p* : bc, o, c *n* :
8	Fr-Cu. : St-Cu. : Ci	St-Cu.	St-Cu. : A-St.	7	7	8	9	10	10	...	...	y	y	...	...	o ●^{0}≡^{0}, c, bcy *a* : oy-o *p* : o, o ●^{0}, o *n* :
9	Nb.	St-Cu.	Nb. : A-St.	10	10	9	10	10	10	d ≡$_0$	...	...	...	● ≡^{0}	●^{0}≡^{0}	od ≡^{0}, op, o *a* : o ●^{0}≡^{0} *p* : o ●^{0}≡^{0} *n* :
10	Nb. : Cu-Nb.	St-Cu.	Cu. : Fr-Cu. : Ci.	9	9	9	8	6	8	...	...	...	...	...	...	o *a* : o, c *p* : c, bc, c *n* :
11	St. : Fr-St. : Ci.	Cu. : A-Cu.	Cu. : Ci.	8	8	3	2	2	1	...	...	...	...	...	...	c to b *a* : b, *p and n* :
12	St.	Cu. : St-Cu.	Cu. : Ci.	10	9	8	7	3	8	≡⁝	...	...	...	...	...	o ≡⁝ early, c *a* : bc, b *p* : c *n* :
13	St.	Fr-Cu. : A-Cu.	Cu. : Ci.	10	8	9	7	5	2	≡^{0}	...	y	y	y	...	c, o, od$_0$ ≡^{0}, oy *a* : oy, bcy *p* : b *n* :
14	A-Cu.	St-Cu. : A-Cu.	St-Cu. : A-St.	1	3	9	10	9	10	Ω	...	≡^{0}	...	...	≡^{0}	b, b Ω, o ≡^{0} *a* : o p : o, o ≡^{0} *n* :
15	Nb.	St.	St-Cu. : A-Cu.	10	10	10	9	8	8	d ≡^{0}	≡^{0}	...	...	...	...	o, od ≡^{0}, o ≡^{0}, o *a* : o, c *p* : c, bc, c *n*
16	St-Cu. : A-Cu.	St. : St-Cu.	St. : A-St.	10	10	10	10	10	10	...	...	...	●^{0}≡^{0}	...	...	o, ≡⁝ at 5 h., o *a* : o, o ● ≡^{0} *p* : o *n* :
17	Nb.	Nb.	Nb. : A-St.	10	10	10	10	10	10	d$_0$ ≡^{0}	≡^{0}	d$_0$ ≡^{0}	d$_0$ ≡^{0}	d$_0$	...	o, od$_0$ ≡^{0} and o ≡^{0} *a* : od$_0$≡^{0}, o, *p*:od$_0$, op, o *n* [c *n* :
18	Nb.	St-Cu.	St-Cu. : A-Cu.	10	8	8	8	8	5	●^{0}	...	y	y	...	...	oq ● at 6 h., cy *a* : cy, op ●, o *p* : o,
19	St-Cu. : Ci-St.	Cu. : Fr-Cu.	Cu-Nb. : Fr-Cu.	4	6	8	6	6	5	...	...	y	y	y	...	b, bcy, *a* : bcy, cp$_0$, *p* : bcy, cp ●^{0}, c*n* :
20	Fr-St. : Ci-St.	St. : A-St.	Nb. : A-St.	5	7	10	10	10	10	Ω	...	...	...	d$_0$	...	bc Ω, c, op$_0$ *a* : op$_0$, od$_0$ *p* : od$_0$, o *n* :
21	St-Cu. : A-St.	Cu. : Ci-St.	Cu. : Fr-Cu.	10	8	6	7	3	8	...	...	...	...	y	∞	o, bc *a* : c, by *p* : by c, ∞ *n* :
22	Cu. : Ci-St.	St. : St-Cu.	Cu. : St-Cu. : Ci.	8	9	10	8	6	10	...	...	...	...	...	≡^{0}	c, o o ● ≡^{0} *a* : o, bc *p* : bc, o ≡^{0} *n* :
23	St-Cu. : A Cu.	Ci-St.	St-Cu. : Ci-St.	8	5	6	5	3	10	...	∞^{0}	...	...	∞	≡^{0}	c, bc ∞, bc *a* : bc, bc ∞ *p* : b ∞, o ≡^{0} *n* :
24	St. : A-St.	St-Cu.	St. : St-Cu.	10	10	9	4	10	10	d$_0$	≡^{0}	...	...	...	≡^{0}	o ≡^{0}, od$_0$, o *a* : o, bc, o *p* : o, o ≡^{0} *n* :
25	Cu. : Ci.	Cu. : St-Cu. : Ci-St.	Cu-Nb. : St-Cu.	5	3	7	8	10	10	...	...	∞	∞	∞	≡^{0}	bc, b, c ∞ *a* : c ∞ T 14 h. & 14 h. 30 m. o ∞ *p* : o ∞, T 20h. 07 m. o ≡^{0} *n*: [o *n* :
26	Nb.	St-Cu. : Cu-Nb.	Nb. : A-St.	10	10	9	9	10	9	● ≡^{0}	≡^{0}	...	...	●	...	o ● ≡^{0}, o *a* : o, c, o ●^{2}, ● *p* : o ●^{0},
27	St. : St-Cu.	Cu. : Fr-Cu. : Ci-St.	Cu. : St-Cu. : Ci.	6	3	8	7	9	9	≡^{0}	...	...	y	y	...	bc c ≡^{0}, bc *a* : cy, oy, *p* : oy, o *n* :
28	St-Cu. : Ci-St.	St-Cu. : Nb.	Nb. : St-Cu.	3	4	10	10	10	10	Ω	...	p	...	p$_0$	...	bc, b Ω, o, op$_0$ *a* : o, op$_0$ *p* : op$_0$, o *n* :
29	St. : St-Cu.	St-Cu.	Nb. : St-Cu.	9	8	10	10	10	10	...	...	...	● ≡^{0}	p	...	oc *a* : o, o ●, T, op ● *p* : op ●, o *n* :
30	St. : St-Cu.	Nb. : St-Cu.	Cu. : St-Cu.	8	8	8	8	6	8	...	...	p	...			c, cp ● *a* : cp ●, bc *p* : bc, c *n* :
31	St-Cu. : A-Cu.	Nb. : St-Cu.	Cu-Nb. : St-Cu.	7	9	10	10	8	3	...	...	p	...	...	...	c, op$_0$ *a* : o, c *p* : bc, **b** ***n*** :
Mean Cloud Am'nt				7·9	7·6	8·5	8·1	7·5	7·8							

205. Eskdalemuir. **August, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St. : St-Cu.	Nb. : St-Cu.	Nb. : St-Cu.	10	10	10	9	9	7	...	...	...	...	p ≡^{0}	...	c, o, op ● T at 12 h. 12 m. *a* : o, op ● ≡^{0} *p* : op ● ≡^{0}, c *n* :
2	St-Cu. : Ci-St.	St-Cu.	Nb. : Cu. : St-Cu.	6	6	9	8	9	7	...	...	...	...	●	...	bc, o *a* : o, c, o ● *p* : o ●, c *n* :
3	St. : St-Cu. : Ci-St.	Nb.	St.	10	10	10	10	10	10	...	...	d$_0$	d$_0$ ≡^{0}	...	≡^{0}	o, od$_0$ *a* : o, od$_0$ ≡^{0}, o *p* : o and od ≡^{0} *n* :
4	St.-Cu	St-Cu.	St-Cu.	8	10	10	10	9	9	...	...	...	...	...	...	c, o *a* : o *p* : o, c, o *n* :
5	Ci-St.	St-Cu. : A-St.	Nb. : A-St.	5	8	10	10	10	9	Ω	...	...	≡^{0}	●^{0}	≡^{0}	c, bc, Ω, o *a* : o, od$_0$ ≡^{0}, o ● and o *p* : o and o ●^{0}, o ≡^{0} *n* :
6	St.-Cu	Fr-Cu. : St-Cu.	Cu. : Ci-St.	10	10	9	7	4	4	≡^{0}	...	...	() y	()	...	o ≡^{0}, o *a* : o, c () y, bc () *p* : bc, c, o *n* :
7	St-Cu. : Ci-Cu.	Nb. : St-Cu.	Nb.	10	10	10	10	10	9	...	...	●^{0}	● ≡^{0}	● ≡^{0}	≡^{0}	o,c,o ● and o *a* : o,o ● ≡^{0}*p*:o ●^{2},o ≡^{0} *n*:
8	St. : St-Cu.	Cu. : Cu-Nb.	St-Cu. : Ci-St.	10	10	8	8	8	4	...	...	...	...	...	Ω ≡^{0}	o ≡^{0}, o ● ≡^{0},o,c *a* : c *p* : c,b Ω ≡^{0}, o *n* :
9	Nb.	St-Cu.	St-Cu. : Cu.	10	10	9	8	5	9	● ≡^{0}	● ≡^{0}	...	...	...	...	o ● ≡^{0}, ●^{2}, o, c *a* : o, op$_0$, bc *p*:bc, o *n* :
10	St: Nb.	Nb.	Nb.	9	10	10	8	10	6	...	...	p	...	●	...	o, o and o ●^{2},c,op ●*a*:c,o,o ●^{2}*p*: ●,bc *n*:
11	St-Cu.	Nb. : St-Cu.	Cu. : A-St.	10	7	9	10	9	8	...	...	p$_0$	...	...	...	bc, od$_0$, c, op ● *a* : op$_0$, o *p* : o, c *n* :
12	Nb.	Nb.	Nb.	10	10	10	10	10	10	● ≡^{0}	● ≡^{0}	● ≡^{0}	●^{0}≡^{0}	● ≡^{0}	d$_0$ ≡^{0}	o, od, o ●^{2}≡^{0}, o ● ≡^{0} *a* : o and o ● ≡^{0} *p* : o, o ☇ 19-20 h. od$_0$ ≡^{0} *n* :
13	Nb.	Cu-Nb. : Cu.	St. : Nb.	10	10	9	10	9	10	d ≡^{0}	≡^{0}	...	≡^{0}	...	≡^{0}	o, od ≡^{0}, o *a* : o, o ●^{2} ≡^{0} opd$_0$ *p* :
14	St-Cu.	St-Cu.	St-Cu.	10	10	8	8	10	10	...	...	...	...	...	...	o, c *a* : c,o *p* : o, o ●^{0} *n* : [opd$_0$,o ≡^{0} *n* :
15	Fr-St. : A-Cu. : Ci.	Cu. : A-Cu.	Ci.	8	3	7	6	3	1	Ω	∞^{0}	...	y	y	...	o, c Ω, bc *a* : c, bcy, by, *p* : by, b *n* :
16	...	...	...	0	1	0	0	0	0	Ω ()	...	...	...	()	...	b () Ω, b *a* : b, b () *p* : b *n* :
17	A-Cu.	A-Cu.	St-Cu. : A-Cu.	1	2	3	2	3	6	Ω ()	...	...	y	...	≡^{0}	b () Ω, b *a* : b by *p* : b, bc ≡^{0} *n* :
18	Ci. : Ci-St.	St-Cu.	St-Cu. : A-Cu.	5	9	10	7	8	10	Ω	∞^{0}	...	∞^{0}	∞	≡^{0}	bc Ω,o ∞^{0},o *a* : o, c ∞ *p* : c ∞ ,o ≡^{0} *n* :
19	St.	St-Cu.	St. : St-Cu.	10	10	9	9	10	10	Ω ≡^{0}	≡^{0}	∞^{0}	∞^{0}	∞^{0}	≡^{0}	o ≡^{0} ∞ ,o ∞^{0} *a*: o ∞^{0} *p* : o ∞^{0} ● ≡^{0} *n* :
20	St.	Cu. : Fr-Cu.	St. : St-Cu.	10	9	8	10	10	10	≡^{0}	≡^{0}	∞^{0}	∞^{0}	g	≡^{0}	o ≡^{0}, c∞^{0} *a* : c∞ ,o ●^{0},g *p* : og, o ≡^{0} *n* :
21	St. : St-Cu.	St. : St-Cu.	Cu-Nb. : St-Cu.	10	10	10	10	10	8	≡^{0}	≡^{0}	∞	T ≡^{0}	p$_0$ ≡^{0}	≡^{0}	op ●, o ≡^{0}, o ∞^{0} *a* : o T, p ● ≡^{0} *p* : op ●^{0}≡^{0}, c ≡^{0} *n* :
22	Nb. : Ci-St.	St-Cu. : A-St.	Nb. : St-Cu.	9	9	10	10	10	10	...	...	...	●	...	●^{0}≡^{0}	op ●, o *a* : o, o ● *p* : o and o ●^{0}≡^{0} *n* :
23	St. : Fr-St. : Cu.	Cu-Nb. : Ci-St.	St-Cu. : A-St.	9	4	8	10	9	9	...	...	...	●^{0}	...	...	o,bc *a* : c,T ●^{0},o *p*: o ●,T 19h.20 m.,o *n*:
24	Fr-St. : St-Cu.	Cu-Nb. : Nb.	Nb. : St-Cu.	6	7	10	10	10	10	≡^{0}	...	●	...	d$_0$	...	o, c ≡^{0}, bc ≡^{0}, o ● *a* : o ●^{0}, od$_0$ and
25	St. : St-Cu.	Cu. : St-Cu.	Cu. : St-Cu.	9	8	8	5	4	1	...	...	y	y	...	...	o,cy*a* : cy,bc *p* : bc,b*n*:[o *p* : o ●, o *n* :
26	St. : St-Cu.	Nb.	St.	9	10	10	10	10	4	...	...	●^{0}≡^{0}	d ≡^{0}	≡⁝	...	bc, o, bc, o ●^{0}≡^{0} *a* : od ≡^{0}, o ● ≡^{0}, oc ≡^{0} *p*: b, o, bc *n* :
27	St-Cu.	St-Cu.	Fr-St. : St-Cu.	9	9	8	9	7	2	...	...	...	...	...	Ω	bc, o ●^{0}, o p ●,c *a* : c, op, c *p* : c, b Ω *n* :
28	St-Cu.	St-Cu.	St.	8	7	7	10	10	10	...	...	...	...	≡^{0}	d ≡^{0}	b Ω,c *a*:c,o and od ≡^{0},o ≡^{0}*p*:o,od ≡^{0} *n*:
29	St-Cu. : Ci.	St-Cu.	St-Cu. : A-Cu.	8	9	7	9	7	7	...	...	...	...	...	...	o, c, *a*: o, op, *p*: c *n*: ⌒, 17 h. to 17 h. 25m.
30	St-Cu.	Nb.	Nb.	10	10	10	10	10	10	...	d$_0$ ≡^{0}	● ≡^{0}	d$_0$ ≡^{0}	d$_0$ ≡^{0}	≡^{0}	c, od$_0$ ≡^{0}, o ● ≡^{0} *a* : o ≡^{0}, od$_0$ ≡^{0} *p* : od$_0$ ≡^{0}, o ≡^{0} *n* :
31	Nb.	St. : St-Cu.	Nb. : A-Cu.	10	10	9	9	9	7	d$_0$ ≡^{0}	d$_0$ ≡^{0}	...	p	...	...	od$_0$ ≡^{0}, o *a* : o, op$_0$ *p* : op, c *n* :
Mean Cloud Am'nt				8·4	8·3	8·5	8·5	8·1	7·3							

| Day. | Cloud Forms. 7h | 13h | 18h | Cloud Amount (All Forms). 7h | 9h | 13h | 15h | 18h | 21h | Weather. 7h | 9h | 13h | 15h | 18h | 21h | Remarks. |

206. Eskdalemuir. **September, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu. : Ci.	St-Cu. : A-Cu.	Ci. : St-Cu.	9	10	9	9	8	6	...	...	...	...	...	...	bc, o, op$_0$ *a* : op$_0$, c *p* : c, bc *n* :
2	St-Cu. : Ci.	St.	St. : Nb.	4	8	10	10	10	10	...	...	...	...	d$_0$	...	b, c, opd *a* : op ●, od$_0$ *p* : od$_0$, o *n* :
3	Fr-Cu.	Cu.	Cu. : St-Cu.	1	4	5	8	7	6	...	...	...	p	...	⌓	op, b, bc *a* : bc, cp$_0$ *p* : c, bc ⌓ *n* :
4	Cu. : St-Cu.	Fr-Cu. : St-Cu.	Cu. : Ci.	8	1	5	6	2	9	...	...	...	...	...	...	c, o ●, bc *a* : bc, b *p* : bc, o *n* :
5	St-Cu.	Cu. : St-Cu.	Cu. : St-Cu. : A-Cu.	10	6	9	9	9	2	...	...	...	...	...	...	o, bc, o *a* : o, c *p* : c, b *n* :
6	Cu. : St-Cu.	Ci. : St-Cu.	St-Cu.	2	7	7	8	9	0	...	...	...	...	...	...	bc, b, c *a* : c, o *p* : o, b *n* :
7	St-Cu.	Nb. : St-Cu.	St-Cu. : Ci.	10	10	10	9	9	8	...	...	p$_0$	...	...	...	o, op$_0$ *a* : op$_0$ *p* : o, op, c *n* :
8	Nb. : A-St.	Fr-Cu. : St-Cu.	St-Cu. : A-St.	10	8	7	9	10	10	d$_0$	...	...	...	...	...	b, od$_0$, cp$_0$, c *a* : c, o *p* : o *n* : ⊕ 16 h.
9	Nb. : A-St.	Nb. : Cu. : St-Cu.	Nb.	10	10	8	7	10	10	d$_0$	...	...	...	●	●	od$_0$, op ● *a* : c, o, o ● *p* : o, o ● *n* :
10	Fr-Cu.	Nb. : St-Cu.	St-Cu.	1	2	9	8	8	9	...	...	p$_0$	...	...	...	o ●, od, b, op$_0$ *a* : op$_0$, bc *p* : c, op *n* :
11	St-Cu.	Nb. : St-Cu.	St-Cu.	9	6	10	8	9	8	...	...	p	...	...	...	c, bc, op ●^{0} *a* : op ●^{0}, c *p* : o, c *n* :
12	St-Cu.	St-Cu.	St-Cu.	1	3	9	8	7	1	...	...	...	...	...	...	bc, b ≡⁝ early, b ⊔, b, o *a* : o, c *p* : c,
13	A-Cu.	St-Cu. : A-Cu.	St-Cu. : Ci.	7	5	9	9	6	3	⊔≡	...	...	...	...	...	c ⊔≡, bc, o *a* : o, bc *p* : bc, b *n* : [b *n* :
14	Nb.	Nb.	St.	10	10	10	10	10	10	●≡^{0}	d≡^{0}	d$_0$≡^{0}	≡^{0}	≡^{0}	≡^{0}	bc, od ●, ●^{0}≡^{0}, od ≡^{0} *a* : o, od ≡^{0} *p* : o ≡^{0}, o ●^{0}≡^{0} *n* :
15	Fr St. : Ci-St. : A-Cu.	Fr-St.:A-St.:A-Cu.	St-Cu. : A-St.	9	7	8	8	10	6	≡^{0}	≡^{0}	...	∞^{0}	∞^{0}	...	o ≡^{0}, ⊕ 7 h., c *a* : c, c ∞ *p* : c ∞ , bc *n* :
16	St. : St-Cu.	Cu. : St-Cu.	—	9	10	7	3	0	0	...	≡^{0}	...	y	()	...	c, o ●, o ≡^{0} *a* : c, by b () *p* : b *n*:
17	Cu. : Ci.	St-Cu. : A-St.	Nb. : St-Cu. : A-St.	2	6	10	10	10	10	⊔	≡^{0}	...	...	●^{0}	...	b ⊔, bc ≡^{0}, o *a* : o, o ●^{0} *p* : o *n* :
18	Fr-St. : St-Cu.	Nb. : St-Cu.	Nb. : St-Cu.	9	8	10	8	9	10	...	...	p$_0$	...	...	p$_0$	o ●, c, op$_0$ *a* : c, op$_0$ *p* : o, op$_0$, *n* :
19	St. : A-Cu. : Ci-St.	St-Cu. : A-St.	St. : Nb.	9	10	10	10	10	2	...	⊕	...	≡^{0}	●≡^{0}	≡^{0}	op, o ●, o ⊕ 9 h., o *a* : o, o ●≡^{0} *p* o ●≡^{0} b ≡^{0}, o *n* :
20	St. : Fr-St. : Ci.	Cu. : Fr-Cu.	Nb. : Cu. : St-Cu.	8	9	7	7	9	1	...	...	...	...	●^{0}	...	o ●, oc, op$_0$ *a* : c, o ●^{0} *p* : o ●, c, bc, b *n* :
21	St-Cu.	Cu. : Ci-St.	St-Cu.	8	9	6	8	3	2	...	...	y	...	...	...	bc, o ●, c, bcy *a* : bcy, c, b *p* : b *n*
22	Nb.	Nb.	Nb.	10	10	10	10	10	10	●	●≡^{0}	●^{0}≡^{0}	≡^{0}	●≡^{0}	●≡^{0}	bc, o, o ●, o ●≡^{0} *a* : o, o ●≡^{0} *p* :
23	Cu. : Ci.	St-Cu.	Nb. : St-Cu.	3	2	9	7	7	9	...	...	...	...	...	...	o, c, b, o *a* : o, c *p* : c, op^0 *n* : [o ●≡^{0} *n* :
24	St-Cu. : A-Cu.	St-Cu.	St-Cu.	4	4	7	3	2	1	...	...	...	...	...	...	c, bc, c *a* : c, cp$_0$, b *p* : b *n* :
25	—	Cu. : St-Cu.	Nb.	0	0	10	10	10	10	⊔≡	≡	...	...	●≡^{0}	●≡^{0}	b, b ⊔≡, b ≡, o *a* : o, o ●≡●^{0} *p* : o ●≡^{0} *n* :
26	Nb. : St-Cu.	St-Cu.	St-Cu.	9	9	10	10	4	5	●^{0}	d$_0$	...	...	...	...	o ●^{0}≡^{0}, o *a* : o op ●, c *p* : bc *n* :
27	St-Cu. : A-Cu.	Cu. : A-Cu.	A-Cu.	3	3	7	5	9	8	...	...	...	y	...	...	bc, b, c *a* : c, bcy, o *p* : o, c *n* :
28	Nb.	Nb.	St.	10	10	10	10	10	10	d$_0$≡^{0}	≡^{0}e	d$_0$≡^{0}	≡	d$_2$≡	d≡	o o ●≡^{0}, o ●^{0}≡^{0} *a* : o ●^{0}≡^{0}, o ●^{0}≡ *p* : o ●^{0}≡ *n* :
29	St.	St-Cu.	Nb. : St-Cu. : A-St.	10	10	10	10	9	8	d≡^{0}	d$_0$≡^{0}	...	...	...	...	o ●^{0} ≡^{0}, o *a* : o, op ● *p* : o, c *n* :
30	St.	Fr-Cu. : St-Cu.	St-Cu. : A-Cu.	10	10	3	8	3	4	≡⁝	≡^{0}	...	...	...	...	c, o ≡⁝, o ≡^{0}, b *a* : b, c, b *p* : b, bc *n* :
Mean Cloud Am'nt				6·8	6·9	8·4	8·2	7·6	6·3							

207. Eskdalemuir. **October, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Fr-St. : Ci.	Ci.	St-Cu. : Ci-St.	2	4	6	5	2	3	⌓	...	...	...	...	⌓	bc, b ⌓, bc *a* : bc, b *p* : b, b ⌓ *n* :
2	Fr-St. : A-Cu. : Ci.	Fr-Cu. : A-Cu.	St-Cu. : A-Cu.	9	9	8	8	7	9	⌓	...	...	...	≡^{0}	...	b to o, ⌓, c *a* : c, c ≡^{0} *p* : c ≡^{0}, o *n* :
3	St.	St.	Nb : A-St.	10	10	10	10	10	10	d≡^{0}	d$_0$≡^{0}	≡^{0}	d$_0$≡^{0}	≡^{0}	d$_0$≡^{0}	o, o ●^{0}≡^{0} *a* : o ●^{0}≡^{0} *p and n* :
4	St.	St-Cu.	Fr-St. : Fr-Cu.	10	10	10	8	3	3	≡^{0}	≡^{0}	...	...	...	⌓≡^{0}	o ●≡^{0}, o ≡^{0}, o *a* : o, bc *p* : bc, b ⌓ ≡^{0} *n* : [c, o ≡⁝ *n* :
5	St. : St-Cu.	St-Cu. : A-Cu.	St. : St-Cu.	9	10	5	3	8	10	⌓	≡^{0}	...	...	...	≡⁝	b ⌓ ≡^{0}, o ⌓, o ≡^{0}, b: *a* : bc, b, c *p* :
6	St.	St.	St. : A-St.	10	10	10	10	9	9	≡⁝	d$_0$≡^{0}	d$_0$≡^{0}	≡⁝	≡^{0}	...	o ●^{0}≡⁝, o ●^{0}≡^{0} *a* : o ●^{0}≡^{0}, o ≡⁝ *p* :
7	St-Cu. : A-Cu.	St-Cu.	St-Cu.	8	10	10	10	10	2	...	≡^{0}	...	...	...	...	c, o ≡^{0}, o *a* : o *p* : o to b n : [o ≡^{0}, o *n* :
8	A-Cu. : Ci.	Cu. : Fr-Cu. : Ci.	A-Cu.	8	5	5	2	6	4	⊔	...	...	y	...	...	b, c ⊔, bc *a* : bc, by *p* : bc ♛^{0} *n* :
9	Fr-St. : Ci.	Ci.	—	2	1	1	0	0	0	⊔	...	...	...	...	...	b ⊔, b *a* : b *p and n* :
10	—	A-Cu.	Ci.	0	6	3	1	1	5	⊔≡⁝	...	...	y	...	...	b ⊔, b ≡, b *a* : b, by, b *p* : b, bc *n* :
11	St-Cu. : Ci.	Cu. : Fr-Cu. : Ci.	St-Cu.	8	8	8	8	10	10	⌓	...	...	...	...	...	c ⌓, c *a* : c, o *p* : o *n* :
12	Nb.	St-Cu.	Nb. : A-St.	10	10	10	10	10	10	d$_0$≡^{0}	...	...	...	●^{0}	●^{0}	o, o ●^{0}, d$_0$, o *a* : o, o ●^{0} *p* : o ●^{0}, o *n* :
13	St-Cu.	St-Cu. : A-Cu.	St-Cu.	9	8	9	8	9	8	...	...	...	y	...	...	o ●^{0}, o, c, *a* : o, cy, *p* : o, c *n* :
14	Fr-Cu. : Ci.	St-Cu. : Ci-St. : Ci-Cu.	St-Cu.	2	3	9	8	9	9	⊔()	y	y	y	...	...	b ⊔, by, oy *a* : cy, o *p* : o *n* :
15	Cu. : Ci.	St-Cu. : A-St.	St.	5	8	10	10	10	10	⊔	...	...	●^{0}	d$_0$	...	bc ⊔, o *a* : o, o ●^{0}, d$_0$ *p* : od$_0$, o *n* :
16	Cu. : Ci.	Cu. : Ci-St. : Ci.	St-Cu. : Ci-St.	3	3	6	8	7	8	⊔	⊔	...	⊕	...	...	b ⊔, bc *a* : bc, c ⊕, c *p* : c *n* :
17	Nb.	Cu. : St-Cu. : A-Cu.	St-Cu. : Ci-St.	10	10	7	7	6	8	●^{2}≡	●≡^{0}	...	...	...	p$_0$	o ●^{2}≡, o ●≡^{0}, c *a* : c, bc *p* : c, cp$_0$ *n* :
18	St-Cu. : Ci.	St-Cu.	St-Cu.	4	7	9	9	7	6	...	...	()	()	...	...	b, bc, o () *a* : o () c, *p* : bc *n* :
19	St-Cu.	St-Cu.:A-St.:Ci-St.	St-Cu.	8	8	9	10	10	10	...	...	...	...	...	...	bc, c, o *a* : o *p and n* :
20	Nb.	Nb.	Nb.	10	10	10	10	10	10	●≡^{0}	●^{0}	●^{0}≡^{0}	●≡^{0}	●^{0}≡^{0}	≡⁝	o, o ●≡^{0}, o ●^{0} *a* : o ●^{0}≡^{0} *p* : o ●^{0}≡$_0$ o ≡⁝ *n* : [●≡^{0}, o ≡^{0} *n* :
21	St.	St.	Nb.	10	10	10	9	10	10	≡⁝	d$_0$≡	≡^{0}	≡^{0}	●≡^{0}	≡^{0}	o ≡⁝, od$_0$ ≡, o ≡^{0} *a* : o, o ≡^{0} *p* : o
22	Nb.	Nb.	St-Cu.	10	10	10	10	10	10	●≡^{0}	...	●≡^{0}	●≡^{0}	≡^{0}	d$_0$≡^{0}	o ●≡^{0} and o ≡^{0} *a* : o ●≡^{0}, o ≡^{0} *p* : o and od$_0$ ≡^{0} *n* : [op ●, o *n* :
23	Nb.	Nb. : St-Cu.	Nb. : St-Cu.	10	10	9	10	10	10	●≡^{0}	●≡^{0}	≡^{0}	p	p	...	o ●≡^{0}, op ●≡^{0} *a* : op ●^{2}, op ● *p* :
24	St. : St-Cu.	Nb. : St-Cu.	Nb. : St-Cu.	9	9	9	10	10	2	...	...	p$_0$	p	...	...	o and op ●^{0} *a and p* : o to b *n* : [● *n* :
25	St. : St-Cu.	Nb. : St-Cu.	St-Cu.	10	8	8	6	9	10	...	...	...	...	...	...	b, bc, op ●, c *a* : cp, bc to o *p* : o, op
26	Nb.	Nb.	St-Cu.	10	9	10	10	9	9	●^{0}≡^{0}	...	●≡^{0}	...	...	...	o, o ●≡^{0} *a* : o ●≡^{0}, bc, o *p* : o *n* :
27	Nb. : St-Cu.	Nb.	Nb. : A-St.	10	9	10	10	10	2	...	●^{0}	●	●≡^{0}	●≡^{0}	...	o, ●≡^{0}, o ● *a and p* : o ●, b *n* :
28	Nb. : St-Cu.	St-Cu. : Ci-St.	Nb. : A-St.	10	8	8	10	10	10	d$_0$≡^{0}	...	...	...	...	●	bc, o ●^{0}, d≡^{0}, c *a* : o op$_0$ *p* : o, o ● *n* :
29	St.	Nb.	Nb.	10	10	10	10	10	10	≡^{0}	...	●^{0}≡^{0}	●≡^{0}	●≡^{0}	●$_0$≡^{0}	o ≡^{0} and o, *a* : o ●≡^{0} *p and n* :
30	Nb.	St-Cu. : A-St.	St.	10	10	10	6	10	10	d$_0$≡^{0}	...	...	≡^{0}	≡^{0}	≡^{0}	o ●≡^{0}, op$_0$ ●, o *a* : o, o ≡^{0} *p and n* :
31	St-Cu. : A-Cu.	St-Cu.	St-Cu.	6	3	10	10	10	10	...	...	...	●^{0}≡^{0}	≡^{0}	≡^{0}	o ≡^{0}, bc, op$_0$, o *a* : o ●≡^{0} *p* : o ≡^{0} *n* :
Mean Cloud Am'nt				7·8	7·9	8·4	7·9	8·1	7·6							
Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	12h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.

208. Eskdalemuir. **November, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	Cu. : St-Cu. : A-Cu.	St-Cu.	6	6	8	8	10	10	≡^{0}	...	...	...	...	●^{0}≡^{0}	bc ≡^{0}, bc, c *a* : c, o *p* : o, o ●^{0}≡^{0} *n* :
2	St-Cu.	Nb.	St-Cu.	10	10	10	10	5	10	...	d$_0$ ≡^{0}	●≡^{0}	...	...	≡	o ●≡^{0}, od ≡^{0} *a* : o, bc *p* : bc, c, o ≡ *n* : [bc, o *n* :
3	Nb.	Nb.	St-Cu.	10	10	10	10	6	8	●^{0}≡^{0}	...	d$_0$ ≡^{0}	d$_0$	...	...	o ●≡^{0} and o, od ≡^{0} *a* : od$_0$, o, bc *p* [and o ●≡^{0} *n* :
4	St. : St-Cu.	St-Cu.	Nb.	9	10	8	9	10	10	≡^{0}	≡^{0}	...	...	●≡^{0}	●≡^{0}	o●≡^{0} bc, o ≡^{0} *a* : c, o ●≡^{0} *p* : o
5	St.	St-Cu. : Ci-St.	St-Cu.	10	10	9	6	8	3	≡^{0}	≡^{0}	...	≡^{0}	...	...	o ●≡^{0}, o, o●, o *a* : bc ≡^{0}, c *p* : c, b *n* : [*n* :
6	St-Cu.	St-Cu.	Nb.	9	9	10	10	10	10	...	...	...	...	●^{0}≡^{0}	●^{0}≡^{0}	b, op ●, c, o *a* : o, op ●≡^{0} *p* : o ●^{0}≡^{0}
7	St-Cu.	Nb.	St-Cu.	10	10	10	10	7	9	...	...	●^{0}	●	...	...	o, o ●^{0} *a* : o ●^{0}, c *p* : c, o ●^{0}, o *n* :
8	St-Cu.	St-Cu. : Cu-Nb.	St-Cu.	2	6	3	2	3	1	...	...	...	...	...	⊔	b, op ✱ q ≡^{0}, b *a* : b *p* : b, b ⊔ *n* :
9	St. : St-Cu.	Fr-Cu.	Cu. : St-Cu.	4	5	1	1	3	1	⊔	⊔	y	...	⊔≡^{0}	⊔≡^{0}	b ⊔, bc ⊔, by *a* : b, b ⊔≡^{0} *p* : b ⊔≡^{0} ⩊ 21 h.-24 h. *n* : [*n* :
10	St-Cu.	St-Cu.	St-Cu.	1	0	9	3	1	1	⊔	⊔	∞^{0}	...	⊔≡^{0}	⊔	b ⊔, b, o ∞^{0} *a* : b, b ⊔≡^{0} *p* : b ⊔≡^{0}
11	—	Ci.	Ci.	0	0	1	3	4	1	⊔	⊔	...	...	⊔	⊔	b ⊔, by *a* : b, bc ⊔ *p* : b ⊔ *n* :
12	St-Cu.	St-Cu.	St-Cu.	4	1	1	3	2	2	⊔	⊔	...	...	⊔≡^{0}	⊔≡^{0}	bc ⊔, b *a* : b, b ⊔≡^{0} *p* : b ⊔≡^{0} *n* :
13	St.	—	St-Cu.	4	0	0	0	10	2	⊔≡^{0}	⊔≡^{0}	∞^{0}	...	≡^{0}	⊔≡^{0}	bc ⊔≡^{0}, b ∞ *a* : b, o ≡^{0} *p* : b ⊔≡^{0} *n* :
14	St-Cu.	St.	St.	10	10	10	10	10	10	⊔≡^{0}	⊔≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	b ⊔≡^{0}, o ≡^{0} *a* : o ≡^{0} *p* : o ≡^{0}, b ⊔ *n* : [⊔≡^{0} *n* :
15	St-Cu. : A-Cu.	St-Cu. : Ci-St.	—	8	8	5	6	0	1	⊔≡^{0}	⊔≡^{0}	...	∞^{0}	⊔≡^{0}	⊔≡^{0}	b ⊔, c ≡^{0}, bc *a* : bc ∞, b ⊔≡^{0} *p* : b [≡^{0}, bc *n* :
16	St.	St.	St.	10	10	10	10	4	4	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	...	b ≡^{0}⊔, o ≡^{0} *a* : o ≡^{0}, bc ≡^{0} *p* : bc
17	A-St.	St-Cu.	St-Cu.	1	4	9	8	1	0	⊔	...	...	...	...	⊔≡^{0}	bc, b ⊔, o *a* : o, c, b *p* : b, b ⊔≡^{0} *n* :
18	St-Cu.	Cu.	—	1	0	3	2	0	0	⊔≡^{0}	⊔	...	...	⊔≡^{0}	⊔≡^{0}	b ⊔≡^{0}, b *a* : b, bc ≡^{0} *p* : b ⊔≡^{0} *n* :
19	Cu.	Ci.	—	1	2	1	0	0	0	⊔	⊔	...	...	⊔≡^{0}	⊔≡^{0}	b ⊔, b *a* : b, b ⊔≡^{0} *p* : b ⊔≡^{0} *n* :
20	St-Cu.	St-Cu.	—	3	3	5	0	0	0	⊔	⊔	...	...	⊔≡^{0}	⊔≡^{0}	b ⊔, o, bc *a* : b, b ⊔≡^{0} *p* : b ⊔≡^{0} *n* : [≡ e p : ≡⋮ *n* :
21	St.	St.	St.	10	10	10	10	10	10	⊔≡^{0}	⊔≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡⋮	b ⊔≡^{0}, o ⊔≡^{0} to o ≡^{0} *a* : o ≡^{0}, o
22	St.	St. : Fr-Cu.	St.	10	10	6	10	10	3	≡⋮	⊔≡⋮	≡^{0}	≡⋮	≡⋮	≡^{0}	o ≡⋮ to bc ≡^{0} *a* : o ≡⋮ to b ≡^{0} *p and n* :
23	St-Cu.	Cu.	Cu.	9	9	1	1	1	3	⊔	⊔	...	...	⊔≡^{0}	⊔≡^{0}	b ≡^{0}, o ⊔, b *a* : b, b ⊔ *p* : b ⊔ *n* :
24	St-Cu.	Nb.	St-Cu.	9	8	10	10	9	9	⊔≡^{0}	...	●^{0}≡^{0}	●^{0}≡^{0}	≡^{0}	p$_0$ ≡^{0}	o ⊔≡^{0}, c, o ●^{0}≡^{0} *a* : o ●≡^{0} to o ≡^{0} *p* : o ≡^{0}, bc ≡^{0}, op$_0$ ≡^{0} *n* :
25	St-Cu.	Cu. : Ci.	St. : Ci-St.	3	2	3	7	3	5	...	...	...	...	...	...	o ●^{0} early, b *a* : b, c to b *p* : b, bc *n* : ⛉ at 18 h.
26	Ci-St.	A.-St. : Ci-St.	St-Cu.	2	5	8	8	9	9	⊔	⊔	...	...	...	⛉	b ⊔, bc, c *a* : c, o *p* : o ⛉ at 21 h. *n* :
27	St-Cu.	Fr-Cu.	St-Cu.	1	1	3	3	9	1	...	...	...	...	p✱^{0}	...	o ✱, ✶, b *a* : b, op ✱^{0} *p* : b *n* :
28	—	St-Cu.	—	0	0	3	3	0	2	...	...	...	...	...	...	b () *a* : b *p and n* :
29	St-Cu.	Nb.	St.	10	10	10	10	10	10	...	...	✱≡^{0}	✱≡^{0}	≡^{0}	✱^{0}≡^{0}	o, op ✱^{0}, o ✱≡^{0} *a* : o ✱^{0}≡^{0}, o ≡^{0} *p* : o, o ✱≡^{0}, bc, o *n* :
30	Nb.	St. : St-Cu.	Nb.	10	8	8	10	9	1	✱^{0}≡^{0}	...	...	✶≡^{0}	✶≡^{0}	...	⊠ 3 cm. o ✱≡^{0}, bc, op ✶, c *a* : c, o ✶≡^{0} *p* : op ✶ ≡^{0}
Mean Cloud Am'nt				5·9	5·9	6·2	6·1	5·5	4·5							

209. Eskdalemuir. **December, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu.	St-Cu.	St-Cu.	5	9	8	3	1	0	...	()	()	...	...	...	⊠ b, o () *a* : c (), b *p* : b *n* :
2	—	St-Cu.	St-Cu.	0	0	1	5	8	8	⊔	⊔	∞^{0}	∞^{0}	∞^{0}	∞^{0}	⊠ b ⊔, ∞^{0} *a* : c ∞^{0} *p* : c ∞^{0} *n* :
3	St-Cu.	St-Cu.	St-Cu.	7	5	4	4	2	8	...	⊔^{0}	...	...	...	...	⊠ c, bc ⊔^{0}, *a* : bc, b *p* : b, c *n* :
4	St-Cu.	—	—	7	0	0	1	0	0	...	...	...	...	...	⊔≡^{0}	⊠ c, b ⊔, *a* : b *p* : b ≡^{0}⊔ *n* :
5	St-Cu.	A-Cu.	—	1	5	1	1	0	1	⊔≡^{0}	⊔≡^{0}	⊔≡^{0}	⊔≡^{0}	⊔≡^{0}	⊔≡^{0}	⊠ b ⊔≡^{0} *a, p and n* :
6	Ci-St.	Ci.	—	3	6	1	0	0	2	⊔≡⛉	⊔≡^{0}	⊔≡^{0}	⊔≡^{0}	⊔≡^{0}	⊔≡^{0}	⊠ b ⊔≡^{0} *a, p and n* : ⛉ at 7 h.
7	St-Cu. : A-Cu.	St.	St.	7	5	10	10	10	10	⊔≡^{0}	⊔≡^{0}	≡^{0}	≡^{0}	≡^{0}	●^{0}≡^{0}	c ⊔, o ≡^{0} *a* : o ≡^{0} *p* : o ●^{0}≡^{0} *n* :
8	Nb.	Nb.	Nb.	10	9	10	10	10	1	●q	●q	●≡^{0}	●≡^{0}	●≡^{0}	≡^{0}	o ●≡^{0}, q *a* : o ●≡^{0} *p* : o ●^{0}, b ≡^{0} *n* :
9	Nb.	Nb.	Nb.	10	10	10	10	4	9	●q	...	●≡^{0}	≡^{0}	p$_0$ ≡^{0}	p$_0$ ≡^{0}	b ≡^{0}, o ● q, ≡^{0} *a* : o, ✶≡^{0}, bp$_0$ *p* : op$_0$ ≡^{0} *n* :
10	St-Cu. : A-Cu.	St-Cu.	St-Cu.	3	8	6	8	8	3	...	...	...	...	...	...	o p ≡^{0}, ●^{0}, b, bc *a* : bc, c *p* : c, b *n* :
11	Cu.	St-Cu. : A-Cu.	St-Cu.	1	1	4	2	3	2	⊔	⊔	...	...	...	...	b ⊔, bc *a* : bc, b *p and n* :
12	St-Cu.	St-Cu. : Ci-Cu.	—	3	1	8	7	0	1	⊔	...	...	...	⊔	⊔	b ⊔, c *a* : c, b ⊔ : *p and n* :
13	St.	St-Cu. : A-Cu.	Nb.	10	9	5	6	10	0	⊔	⊔	...	...	✱^{0}	...	b ⊔, o, bc *a* : b, bc. o ✱^{0} *p* : b *n* :
14	St-Cu.	Cu.	St-Cu.	1	1	3	2	1	1	⊔	...	...	...	⊔	⊔	b ⊔, b *a* : b, b ⊔ *p and n* :
15	St.	Nb.	St.	10	10	10	10	10	10	≡^{0}	✱^{0}≡^{0}	✱≡^{0}	✱^{0}≡^{0}	...	≡^{0}	b ⊔, o ≡^{0}, ✱^{0}≡^{0} *a* : o ✱^{0}≡^{0} *p* : o ≡^{0} *n* : [≡^{0} *n* :
16	St-Cu.	St.	Nb. : St.	6	10	10	9	10	10	...	≡^{0}	...	≡^{0}	d$_0$ ≡^{0}	≡^{0}	bc o ≡^{0}, *a* : o ≡^{0}, od$_0$ ≡^{0} *p* : od$_0$,
17	Nb. : St-Cu.	Nb. : St-Cu.	St-Cu.	5	10	10	10	10	10	d$_0$ ≡^{0}	...	...	...	...	pd	do od ≡^{0} *a* : o, op$_0$ *p* : opd *n* :
18	St-Cu.	St-Cu.	Nb.	9	10	10	10	10	10	...	...	...	...	●	✱≡^{0}	o, opd^0 *a* : op, o ● *p* : o ✱≡^{0} *n* :
19	Nb.	Nb.	Nb.	10	10	10	10	10	10	✱^{0}≡^{0}	✱^{0}≡^{0}	✱≡^{0}	✱^{0}≡^{0}	✱^{0}≡^{0}	✱^{0}≡^{0}	⊠ 8 cm. ✢, o ✱≡^{0} o : *a, p and n* :
20	Nb.	Nb.	Nb.	10	10	10	10	10	10	✶≡^{0}	✶^{0}≡^{0}	✶^{0}≡^{0}	✱≡^{0}	✱≡^{0}	✱^{0}≡^{0}	⊠ 8 cm. o ✱≡^{0} ≡ ✢ *a* : o ✱≡^{0} *p* : o ✱^{0}≡^{0} *n* :
21	St.	Nb. : St.	Nb.	10	10	10	10	10	10	≡^{0}	...	✱^{0}≡^{0}	✱≡^{0}	✱≡^{0}	✱^{0}≡^{0}	⊠ 10 cm. o ✱≡^{0}, o *a* : o ✱^{0}≡^{0} *p* : o ✱≡^{0}, *n* :
22	St.	St.	St-Cu. : A-St.	10	10	10	10	10	8	≡^{0}	≡^{0}	✢	✢	✢	...	⊠ 23 cm. o ✱^{0}≡^{0}, ✢ *a* : o ✢ *p* : o ✢, c *n* :
23	A-St.	St Cu.	St-Cu.	1	1	9	10	9	10	...	...	...	...	...	...	⊠ 25 cm. b *a* : b, o, ⧼ 18 h. *p* : p ✱^{0}, o *n* :
24	St-Cu.	St-Cu.	Fr-Cu. : Ci.	2	3	1	3	3	9	...	...	...	...	...	...	⊠ 25 cm. b *a and p* : b to o *n* :
25	St.	St. : St-Cu.	St : A-St.	10	10	9	10	10	10	≡⋮	≡	≡^{0}	≡^{0}	...	...	⊠ 30 cm. o ✱, ≡ *a* : o ≡^{0}, *p* : o *n*.
26	St.	St.	St.	10	9	10	10	10	10	✱≡^{0}	●≡^{0}	≡^{0}	≡	≡⋮	●≡^{0}	o ✱≡^{0}, d$_0$ *a* : o ≡ *p* : o ≡, ●^{0} *n* :
27	St-Cu.	St.	Nb. : St-Cu.	10	10	10	10	10	10	≡^{0}	≡	≡^{0}	●^{0}≡^{0}	●^{0}≡^{0}	●≡^{0}	o ≡^{0}, o ●≡^{0} *a* : o o ●^{0}≡^{0} *p and n* :
28	St-Cu.	St. : St-Cu.	St.	10	10	10	10	10	10	≡^{0}	●^{0}≡^{0}	...	≡^{0}	d$_0$ ≡^{0}	●≡^{0}	o ≡^{0} ●≡^{0} *a and p* : od$_0$ ●≡^{0} *n* :
29	Nb.	Nb. : St-Cu.	Nb.	10	10	10	10	10	10	●^{0}≡^{0}	●≡^{0}	≡^{0}	≡^{0}	●≡^{0}	●^{0}≡^{0}	o ●^{0}≡^{0}, *a* : o ≡^{0}, ● *p* : ●≡^{0} *n* :
30	St.	Nb. : St-Cu.	St-Cu.	10	10	10	10	10	10	≡^{0}	●≡^{0}	...	≡^{0}	≡^{0}	≡^{0}	o ●≡^{0}, ●^{2} *a* : op ●▲, T 1430, o ≡^{0} *p* : op ●^{2}q, ≡^{0} *n* :
31	St-Cu.	Nb. : St-Cu.	St-Cu.	2	1	10	10	9	1	...	...	...	●^{0}≡^{0}	≡^{0}	...	b, op$_0$, o *a* : o ●^{0}≡^{0} *p* : o ≡^{0}, b *n* :
Mean Cloud Am'nt				6·5	6·9	7·4	7·5	7·0	6·6							
Mean Ann'al Cloud Am'nt				7·4	7·5	8·0	7·9	7·4	7·0							
	Cloud Forms.			Cloud Amount (All Forms).						Weather.						Remarks.

Mean Values for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

210. Eskdalemuir. **1925.**

Day.	January. Factor 6·29.				February. Factor 6·31.				March. Factor 6·34.			
	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.
1	92	z±	−1048	− 88	258	239	204	142	z+	*	*	*
2	96	292	23	154	227	142	77	485	*	*	151	197
3	84	300	*	353	231	− 73	− 27	58	77	81	147	135
4	81	346	687	461	58	39	150	77	224	414	321	1022
5	173	96	84	134	42	− 604	108	177	279	66	163	112
6	161	269	649	276	69	166	115	131	66	93	112	151
7	88	115	238	192	123	154	366	266	116	120	263	186
8	81	− 142	− 315	− 111	− 454	69	−1105	169	337	z+	255	379
9	111	180	*	468	58	62	73	219	399	325	290	422
10	338	115	192	88	z±	− 316	− 50	35	457	244	271	317
11	134	388	257	415	450	320	246	789	600	190	151	236
12	326	465	465	730	z+	354	169	358	228	174	197	453
13	545	280	380	326	431	z+	185	462	147	213	50	182
14	− 891	123	223	622	397	35	z+	z±	120	104	112	197
15	219	357	96	403	− 4	z±	z+	z+	286	159	174	426
16	200	227	150	680	239	−62	389	119	135	147	93	271
17	426	84	− 211	154	− 678	123	212	77	205	151	163	306
18	108	165	134	465	250	177	362	450	163	341	228	166
19	200	353	461	303	639	535	347	527	263	232	201	306
20	104	108	242	468	189	308	258	354	− 128	120	z±	z+
21	265	115	280	442	320	312	616	1063	344	356	70	557
22	346	376	434	511	805	462	585	489	275	263	271	375
23	− 180	46	− 96	−1225	285	− 115	− 127	431	135	155	159	263
24	146	261	207	257	397	273	508	z±	143	213	224	z+
25	150	134	154	127	200	412	427	212	151	317	†	228
26	115	100	250	207	77	154	312	512	213	174	128	77
27	200	88	261	330	50	z−	46	− 947	155	205	275	457
28	165	131	269	92	50	150	z−	z+	85	190	224	302
29	77	− 941	− 84	z±	—	—	—	—	116	112	128	81
30	92	− 180	108	− 315	—	—	—	—	35	89	147	166
31	77	108	− 330	z−	—	—	—	—	74	− 39	− 581	441
(*a*)	181	208	271	346	254	224	274	330	208	194	184	300
(*b*)	131	181	216	238	182	134	180	343	208	182	150	304
Mean … …	(*a*) 251. (*b*) 191.				(*a*) 271. (*b*) 210.				(*a*) 221. (*b*) 211.			

Day.	April. Factor 6·28.				May. Factor 6·26.				June. Factor 6·30.			
	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.
1	184	349	153	77	− 49	*	z+	273	81	z−	z±	238
2	− 31	− 502	− 38	295	673	*	107	109	154	z+	171	95
3	494	341	138	264	257	6	131	113	122	106	97	223
4	195	230	241	214	199	253	72	z±	215	494	217	156
5	191	− 57	77	260	185	z−	117	441	294	274	201	173
6	−3447	38	157	280	232	z−	z+	191	26	171	130	246
7	188	337	191	237	150	160	146	94	183	85	97	81
8	318	138	100	295	125	211	z+	59	128	120	187	335
9	341	230	153	84	230	160	z−	449	349	128	219	236
10	249	149	111	253	511	218	121	388	455	254	158	252
11	149	146	203	575	271	z−	138	215	317	240	177	359
12	230	169	149	352	156	121	39	195	280	122	130	227
13	184	− 184	157	− 211	185	140	156	60	130	138	122	150
14	42	146	203	− 77	57	160	129	242	246	120	217	286
15	69	77	54	272	131	215	291	195	236	207	57	164
16	− 253	276	226	107	211	158	78	193	203	79	97	217
17	157	146	157	−2830	215	146	78	111	173	201	130	252
18	−1245	− 766	−2218	− 333	144	353	283	421	240	171	167	301
19	− 234	38	138	157	− 70	513	131	470	284	311	315	315
20	149	153	195	257	183	367	51	423	41	110	232	250
21	123	188	299	529	312	164	174	228	426	207	197	201
22	−1333	253	− 640	−1000	127	218	181	156	185	299	158	221
23	103	92	z−	234	351	148	107	156	32	150	154	156
24	157	z±	237	326	300	59	− 14	z−	240	177	238	321
25	107	165	268	303	115	115	78	49	455	195	93	91
26	287	157	z+	z+	45	64	119	97	0	81	136	242
27	50	84	z±	92	− 294	− 585	137	224	81	55	116	118
28	123	100	146	z+	166	z−	175	z−	85	134	73	221
29	23	115	z+	203	− 27	− 449	− 29	z−	156	118	158	250
30	272	712	z±	19	− 12	80	z±	55	122	193	197	− 120
31	—	—	—	—	43	94	43	216	—	—	—	—
(*a*)	183	193	171	247	214	181	129	216	198	176	160	220
(*b*)	− 127	90	26	15	149	146	131	212	204	176	160	212
Mean … …	(*a*) 199. (*b*) 1.				(*a*) 185. (*b*) 159.				(*a*) 189. (*b*) 188.			

NOTE.—The Potential Gradient is reckoned as positive if the potential increases upwards. For indeterminate potential gradient the following notation is used : z +, Indeterminate, positive value ; z—, Indeterminate, negative value ; z ±, Indeterminate in magnitude and sign.
* Defective record. (*a*) Mean of all positive readings. (*b*) Mean from all complete days using both positive and negative readings.

Mean Values for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

210. Eskdalemuir. **1925.**

Day.	July. Factor 6·31.				August. Factor 6·29.				September. Factor 6·33			
	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.
1	229	118	75	268	154	250	164	65	154	118	81	177
2	128	77	120	195	274	142	181	193	173	150	— 20	99
3	270	128	128	223	118	154	199	396	85	214	187	427
4	89	97	77	250	191	201	160	201	134	238	173	215
5	156	114	87	177	295	142	93	321	102	142	162	510
6	124	79	104	223	140	221	87	203	*	*	*	*
7	173	199	160	195	171	266	87	394	158	272	112	162
8	195	140	138	108	106	215	138	402	*	*	*	*
9	104	97	77	138	z—	120	175	276	126	154	z±	z—
10	134	124	128	201	195	357	187	374	177	345	242	z—
11	260	274	215	733	290	225	118	234	179	250	156	173
12	167	*	146	120	75	z—	451	z+	256	162	164	333
13	140	158	154	335	353	623	81	181	*	*	*	*
14	496	252	152	118	221	144	118	179	75	288	252	221
15	41	203	240	294	148	380	313	321	246	453	221	242
16	211	164	47	138	238	195	229	232	z—	292	221	327
17	124	167	171	187	118	118	128	229	128	219	71	— 10
18	95	221	134	118	433	266	213	114	*	*	*	*
19	256	165	85	160	534	270	152	126	z—	416	— 14	221
20	*	*	*	*	*	*	*	*	*	*	*	*
21	195	207	138	508	*	*	*	*	— 628	197	138	309
22	804	274	201	195	*	*	*	*	321	z—	288	z±
23	*	*	*	*	169	203	z—	213	136	193	175	65
24	364	386	112	138	142	128	81	110	158	140	209	455
25	221	63	57	z±	368	171	138	319	236	569	156	—116
26	— 69	171	z+	z+	118	59	250	337	429	— 30	75	260
27	240	408	177	175	238	128	53	217	278	138	179	390
28	264	195	140	136	102	146	32	37	195	471	299	392
29	181	148	z—	z±	102	89	61	160	*	*	*	*
30	193	189	154	193	120	77	110	217	396	333	179	329
31	179	*	97	274	136	193	z—	197	—	—	—	—
(*a*)	215	178	130	223	206	203	154	231	197	262	178	279
(*b*)	220	185	134	225	215	207	141	232	152	238	156	244
Mean	(*a*) 187. (*b*) 191.				(*a*) 199. (*b*) 199.				(*a*) 229. (*b*) 197.			

Day.	October. Factor 6·35.				November. Factor 6·33.				December. Factor 6·30.			
	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.
1	160	180	255	147	404	380	276	— 116	*	*	*	*
2	168	368	196	123	— 388	301	236	512	176	512	527	943
3	145	343	218	178	z±	331	252	510	800	292	314	529
4	158	210	152	533	97	276	335	z—	347	233	390	551
5	339	410	335	1006	205	435	820	494	453	457	574	760
6	*	*	*	*	— 49	498	97	256	433	602	953	686
7	*	*	*	*	453	55	— 55	154	581	508	527	131
8	156	198	190	451	z+	z±	290	414	69	73	z—	253
9	434	123	386	380	615	353	378	745	114	106	z±	73
10	164	178	261	416	390	380	510	463	— 8	118	108	194
11	202	176	238	196	*	*	*	*	147	155	167	659
12	141	85	77	— 49	*	*	*	*	298	133	196	310
13	111	279	184	376	*	*	*	*	216	241	127	353
14	188	141	218	212	*	*	*	*	274	216	272	237
15	277	125	123	196	*	*	*	*	296	1098	294	296
16	*	*	*	*	*	*	471	650	276	414	521	378
17	— 748	263	117	97	648	441	197	733	63	133	196	125
18	61	149	69	200	751	611	424	642	55	80	z—	z+
19	77	119	299	246	451	463	451	772	351	*	545	*
20	85	— 44	46	168	264	278	359	341	182	1413	1221	1235
21	366	398	253	172	181	329	689	731	161	172	357	615
22	139	216	— 69	174	493	768	944	1149	182	413	953	z+
23	147	z—	z—	335	158	177	642	1036	294	380	278	257
24	57	281	z—	372	286	427	— 471	175	308	594	915	298
25	238	121	119	131	114	175	221	453	329	427	359	218
26	208	337	42	279	118	169	349	530	304	233	506	z—
27	z+	97	z—	123	z±	140	229	392	94	z—	131	82
28	79	192	174	— 822	203	185	199	311	16	61	255	z—
29	— 49	400	z—	77	309	173	258	z+	47	— 12	229	— 231
30	*	*	*	*	164	z—	z—	197	133	z—	z±	849
31	289	372	— 59	430	—	—	—	—	— 10	204	z—	171
(*a*)	183	230	188	281	332	334	392	530	350	356	437	425
(*b*)	149	215	166	228	294	357	348	521	284	404	426	427
Mean	(*a*) 221. (*b*) 189.				(*a*) 397. (*b*) 380.				(*a*) 367. (*b*) 385.			

Annual Means ...		3 h.	9 h.	15 h.	21 h.
	(*a*)	218	228	222	302
	(*b*)	172	210	186	267
		(*a*) 243.		(*b*) 209.	

The Potential Gradient is reckoned as positive if the potential increases upwards. For indeterminate potential gradient the following notation is used: z + Indeterminate, positive value; z — Indeterminate, negative value; z ± Indeterminate in magnitude and sign.
*Defective record. (*a*) Mean from all positive readings. (*b*) Mean of all complete days using both positive and negative readings.

POTENTIAL GRADIENT (reduced to level surface): DIURNAL INEQUALITIES (in volts per metre).

The departures from the mean of the day are adjusted for non-cyclic change.

211. Eskdalemuir. * 0*a* Days Only. 1925.

Month and Season.	Hour 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Non-cyclic change 24–0.	No. of Days used.	Mean Values.
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.		v/m.
Jan. ...	− 46	**− 55**	− 53	− 45	− 36	− 21	− 9	− 34	− 41	− 47	− 40	− 34	− 18	+ 6	− 17	− 1	+ 30	+ 45	**+141**	+116	+102	+ 66	+ 20	− 20	+103	11	284
Feb. ...	− 27	+ 59	+ 71	− 14	− 29	− 41	− 51	+ 18	+ 79	− 40	− 44	**− 76**	− 56	− 63	− 38	− 67	+ 2	+ 60	− 16	+ 46	**+102**	+ 49	+ 51	+ 16	− 6	2	341
Mar. ...	− 36	− 33	+ 7	+ 41	− 21	− 31	+ 12	+ 18	− 40	− 36	− 55	− 68	− 85	− 84	− 78	**− 89**	− 31	+ 59	+155	**+157**	+152	+ 75	+ 25	− 5	− 10	6	306
April ...	+ 33	+ 8	− 27	− 43	− 49	− 19	− 2	− 15	− 27	− 59	− 52	− 49	− 31	− 44	− 54	**− 61**	− 54	− 10	+ 61	+108	+ 86	**+114**	+113	+ 84	+ 22	7	253
May ...	+105	+103	+100	− 47	− 12	− 26	− 17	− 10	− 9	− 53	**− 75**	− 72	− 67	− 38	− 25	− 26	− 38	− 52	− 50	− 23	+ 56	+ 63	**+184**	+ 36	+ 18	2	228
June ...	+ 37	+ 50	**+ 52**	+ 42	+ 9	+ 8	+ 8	− 5	− 13	− 22	− 22	− 32	**− 40**	− 38	− 35	− 35	− 37	− 28	− 16	− 4	+ 13	+ 31	+ 45	+ 41	+ 11	15	208
July ...	+ 50	+ 66	+ 33	+ 2	+ 6	+ 48	+ 16	+ 10	− 10	− 28	− 34	− 44	− 54	− 57	− 63	**− 65**	− 34	− 38	− 9	+ 29	**+ 74**	+ 55	+ 37	+ 22	+ 40	10	191
Aug. ...	+ 19	+ 13	+ 45	+ 13	+ 57	**+ 99**	**+ 99**	+ 63	− 16	− 47	− 66	**− 76**	− 73	− 64	− 51	− 37	− 20	− 4	+ 24	+ 12	− 15	+ 15	− 1	+ 15	− 8	8	233
Sept. ...	− 15	− 40	− 32	− 47	− 49	− 51	+ 61	+ 48	+ 53	+ 28	− 2	− 43	− 37	− 26	**− 52**	− 22	+ 29	+ 32	+ 58	+ 28	**+ 62**	+ 13	− 13	+ 19	+ 42	6	260
Oct. ...	+ 22	− 14	− 27	− 38	− 30	− 16	+ 29	+ 3	− 48	− 66	**− 70**	− 52	− 43	− 48	− 32	+ 9	− 7	+ 48	+ 70	+ 58	**+ 92**	+ 44	+ 65	+ 48	+ 29	10	263
Nov. ...	− 87	− 73	−106	− 95	−112	−121	**−140**	− 94	− 99	− 81	− 71	−107	−118	− 96	+ 6	+ 95	+102	+215	**+327**	+308	+234	+151	+ 11	− 41	− 66	11	469
Dec. ...	− 37	− 65	− 57	− 91	**−123**	−115	**−123**	−106	− 46	− 4	− 22	+ 5	+ 28	+ 1	+ 39	+ 44	+ 66	+101	+ 99	+146	**+162**	+103	+ 9	− 14	− 22	10	368
Year ...	+ 1	+ 2	+ 1	− 27	− 32	− 24	− 10	− 9	− 18	− 38	− 46	**− 54**	− 49	− 46	− 33	− 21	+ 1	+ 36	+ 70	+ 82	**+ 93**	+ 65	+ 45	+ 17	—	—	284
Winter	− 49	− 33	− 36	− 61	− 75	− 75	**− 81**	− 54	− 27	− 43	− 44	− 53	− 41	− 38	− 2	+ 18	+ 50	+105	+138	**+154**	+150	+ 92	+ 23	− 15	—	—	366
Equinox	+ 1	− 20	− 20	− 22	− 37	− 29	+ 25	+ 13	− 15	− 33	− 45	− 53	− 49	− 51	**− 54**	− 41	− 16	+ 32	+ 86	+ 88	**+ 98**	+ 61	+ 47	+ 37	—	—	271
Summer	+ 53	+ 58	+ 57	+ 3	+ 15	+ 32	+ 27	+ 15	− 12	− 37	− 49	− 56	**− 59**	− 49	− 43	− 41	− 32	− 31	− 13	+ 3	+ 32	+ 41	**+ 66**	+ 29	—	—	215

212. Eskdalemuir. * 1*a* and 2*a* Days Only. 1925.

Month and Season.	Hour 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Non-cyclic change 24–0.	No. of Days used.	Mean Values.
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.		v/m.
Jan. ...	− 48	− 42	**− 75**	− 60	− 45	− 37	− 27	− 44	− 36	− 22	− 11	− 23	− 26	− 57	− 67	+ 35	+ 57	+ 38	+ 48	+ 90	+ 93	+ 98	**+115**	+ 53	−180	5	197
Feb. ...	+ 16	+121	+149	+ 92	− 22	− 56	− 43	− 18	+ 1	**−139**	− 54	− 26	− 20	− 43	−126	− 91	− 28	+ 5	+ 75	+ 3	**+219**	+ 28	− 60	+ 26	**+250**	1	172
Mar. ...	− 45	− 24	− 56	− 59	**− 74**	− 39	− 10	− 23	− 41	− 47	− 3	+ 2	+ 35	+ 27	+ 28	− 13	+ 17	+100	**+111**	+ 60	+ 91	+ 4	− 4	− 28	− 89	5	163
April ...	− 29	+ 3	+ 40	+ 8	+ 30	**− 71**	+ 86	**+111**	+ 77	+ 4	− 19	− 12	− 17	− 29	− 34	− 23	− 18	− 23	− 27	− 39	+ 4	− 6	+ 15	− 36	− 20	2	169
May ...	+ 4	+ 32	+ 44	+ 59	**+ 66**	+ 19	+ 32	− 34	+ 16	+ 18	− 12	− 41	− 38	− 43	− 18	**− 55**	− 37	− 20	− 11	− 15	+ 19	+ 18	+ 3	− 6	− 31	5	140
June ...	+ 5	+ 9	− 25	− 22	− 12	− 30	− 30	− 26	− 17	**− 47**	− 21	− 47	− 41	− 28	− 20	− 8	− 5	+ 7	+ 37	+ 68	+ 31	+ 45	**+ 98**	+ 70	− 36	10	179
July ...	− 18	0	− 8	− 23	− 9	**− 45**	− 28	− 1	+ 19	**+ 68**	+ 24	− 7	− 29	− 4	− 27	− 7	− 26	+ 15	+ 10	+ 46	+ 29	+ 38	− 6	− 5	+ 24	7	166
Aug. ...	+ 12	− 11	+ 8	+ 14	0	+ 65	+ 67	+ 32	− 18	− 60	− 71	**− 78**	− 58	− 51	− 67	− 40	− 3	+ 13	+ 4	+ 26	+ 65	**+ 89**	+ 36	+ 23	− 13	8	163
Sept. ...	+ 56	− 13	− 25	− 32	− 28	+ 2	+ 5	+ 33	+ 57	− 33	− 35	− 28	− 15	− 9	− 56	− 17	+ 20	+ 25	+ 12	**− 95**	+ 17	+ 59	+ 22	**+ 79**	−133	5	175
Oct. ...	+ 66	+ 83	+ 77	+ 86	+ 64	+ 38	+ 76	+ 60	**+128**	+ 60	+ 8	− 32	− 38	− 88	−138	**−148**	−121	− 62	− 48	− 73	− 28	− 31	+ 27	+ 41	+334	4	199
Nov. ...	− 33	−112	−176	−219	−152	+ 12	− 16	+109	+ 55	− 33	+112	+ 73	−125	−156	**−274**	+ 13	**+279**	+256	+174	+127	+ 24	+ 64	+ 17	− 9	−687	2	263
Dec. ...	− 38	**−105**	− 3	+ 52	+ 9	− 26	− 21	− 38	− 41	− 22	+ 1	− 17	− 49	− 29	− 32	− 2	+ 8	+ 6	**+177**	+124	+ 50	− 49	+ 21	+ 28	+ 73	2	175
Year ...	− 4	− 5	− 4	− 9	− 14	− 14	+ 8	+ 13	+ 17	− 21	− 7	− 20	− 35	− 43	**− 69**	− 30	+ 12	+ 30	+ 47	+ 27	**+ 51**	+ 30	+ 24	+ 20	—	—	180
Winter	− 26	− 35	− 26	− 34	− 53	− 27	− 27	+ 2	− 5	− 54	+ 12	+ 2	− 55	− 59	**−125**	− 11	+ 79	+ 76	**+119**	+ 86	+ 97	+ 35	+ 23	+ 25	—	—	202
Equinox	+ 12	+ 12	+ 9	+ 1	− 2	− 17	+ 39	+ 45	**+ 55**	− 4	− 12	− 17	− 9	− 25	**− 50**	**− 50**	− 25	+ 10	+ 12	− 37	+ 21	+ 7	+ 15	+ 14	—	—	177
Summer	+ 1	+ 7	+ 5	+ 7	+ 11	+ 2	+ 10	− 7	0	− 5	− 20	**− 43**	− 41	− 31	− 33	− 27	− 18	+ 4	+ 10	+ 31	+ 36	**+ 47**	+ 33	+ 21	—	—	162

* Note.—For explanation of 0*a*, 1*a* and 2*a* Days, *see* page 181.

ELECTRICAL CHARACTER OF EACH DAY.

213. Eskdalemuir. **1925.**

Day.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2c	1b	*	1a	2b	2c	1b	2c	1a	0a	1a	*
2	1b	1a	*	*	2b	1b	0a	1b	1a	0a	2b	0a
3	1b	2c	1b	0a	1b	1a	0a	1a	1b	1a	2c	0a
4	1b	1b	0a	0a	1b	0a	0a	0a	1b	0a	2b	0a
5	1b	2c	1a	2b	2b	0a	0a	1a	0a	0a	1b	0a
6	*	1b	1a	2b	2c	1b	0a	1a	*	*	2b	0a
7	0a	1b	1b	0a	1b	0a	1a	2c	1a	*	2b	1b
8	2c	2c	1c	1b	2b	0a	*	1b	*	0a	1b	2c
9	*	1b	0a	1b	2b	0a	1b	2b	2c	0a	0a	2c
10	1a	2c	1b	1a	0a	0a	0a	2c	2b	0a	0a	1a
11	0a	1b	0a	0a	2b	1a	0a	1a	1b	0a	*	0a
12	0a	1b	0a	0a	1b	1a	*	2b	0a	2b	*	1a
13	1b	1b	2b	2c	1b	1a	1a	1b	*	1a	*	0a
14	2b	2c	1b	1b	1b	0a	0a	0a	0a	0a	*	0a
15	1a	2c	0a	2c	0a	1a	1a	0a	0a	0a	*	0b
16	0a	2b	1b	2c	1a	0a	1a	0a	1b	*	*	0a
17	1a	2b	*	2c	1a	0a	1a	0a	2b	2b	0a	0a
18	0a	1b	0a	2c	1b	0a	1a	0a	*	1a	0a	2c
19	0a	0a	1b	1b	1b	1a	1a	0a	2c	1b	0a	*
20	0a	0a	2c	0a	1b	0a	*	*	*	2b	0a	0b
21	0a	1b	1b	0a	1a	0a	0a	*	1c	1b	0a	0b
22	0a	0b	1b	2c	1a	0a	1b	*	2c	2c	0a	0b
23	2c	2b	1b	2c	2b	1a	*	2b	1b	2c	0a	1b
24	2a	2b	1b	1b	2c	0a	0a	1b	1b	2b	1a	1b
25	0a	0b	1b	1b	1a	0a	1b	0a	1a	1b	1b	1b
26	1a	2c	1b	1c	1b	1a	2c	1b	2b	2c	0a	2c
27	0a	2c	1a	2c	2b	*	0a	1a	1a	2c	1b	1b
28	2b	2c	1a	1b	2c	*	1b	1a	0a	2b	0a	2b
29	2c	—	1a	1b	2c	1a	1c	1a	*	2b	1b	2c
30	2c	—	1b	2b	2c	1a	1b	1a	0a	*	1c	2c
31	2c	—	1c	—	2c	—	*	1b	—	1a	—	2b
Mean	0·93	1·32	0·86	1·14	1·39	0·50	0·62	0·93	1·00	1·00	0·75	0·79
No of days used...	29	28	28	29	31	28	26	28	24	27	24	29

Annual Mean Character Figure 0·94. * Defective Record.

Explanatory Note.—The electric character of the day is indicated by the figures 0, 1, or 2, according to the character of the trace of the electrograph as regards negative potential gradient. The explanation of these symbols is as follows :—

0, denotes a day during which from midnight to midnight no negative potential was recorded.

1, denotes one or more excursions of limited duration to the negative side of the scale.

2, denotes negative potential extending in the aggregate over 3 hours or more.

" *a*," denotes that within the 25 periods of 60 minutes for which an estimate of the mean potential gradient has to be made in the process of tabulation there was in no case a range of potential gradient in the open exceeding 1000 volts.

" *b*," denotes that a range of potential gradient in the open exceeding 1000 volts was reached in at least one but in fewer than six of the 25 hourly periods referred to above.

" *c*," denotes that a range of 1000 volts or more occurred in at least six of the 25 hourly periods.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

214. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **January, 1925.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1029	1031	1027	1029	1029	1030	1030	1030	1030	1030	1025	1024	1024	1025	1029	1023	1024	1026	1030	1034	1034	1032	1031	1030	1030	1029
2	1030	1029	1026	1027	1030	1031	1034	1034	1030	1025	1019	1015	1020	1026	1029	1027	1030	1031	1034	1033	1034	1035	1034	1034	1031	1029
3	1031	1031	1031	1032	1031	1040	1040	1045	1044	1039	1034	1025	1014	1019	1024	1024	1024	1029	1030	1031	1033	1031	1034	1030	1030	1031
4Q	1029	1029	1029	1030	1034	1034	1038	1038	1033	1032	1025	1024	1022	1024	1023	1023	1028	1030	1033	1029	1025	1026	1029	1030	1029	1029
5	1029	1032	1028	1029	1030	1030	1058	1048	1038	1037	1028	1020	1014	1005	1007	1009	1014	1024	1025	1028	1028	1030	1030	1032	1028	1027
6	1028	1029	1029	1032	1033	1034	1038	1034	1033	1030	1028	1024	1020	1020	1024	1028	1028	1030	1033	1034	1033	1033	1034	1038	1034	1030
7	1034	1033	1034	1034	1034	1038	1043	1043	1039	1033	1028	1019	1018	1024	1029	1031	1030	1030	1030	1033	1039	1034	1030	1033	1029	1032
8	1029	1030	1033	1029	1032	1034	1038	1038	1037	1034	1028	1020	1016	1020	1029	1030	1031	1032	1029	1030	1032	1029	1029	1029	1030	1030
9	1030	1029	1029	1033	1034	1034	1035	1038	1034	1031	1029	1025	1024	1026	1028	1029	1030	1033	1031	1033	1034	1033	1034	1031	1033	1031
10Q	1033	1029	1030	1033	1034	1034	1037	1038	1035	1033	1029	1025	1023	1025	1029	1029	1030	1033	1034	1035	1035	1034	1034	1035	1034	1032
11Q	1034	1033	1033	1034	1034	1035	1038	1038	1035	1029	1020	1018	1023	1027	1029	1031	1030	1033	1034	1034	1034	1034	1033	1032	1033	1031
12	1032	1032	1032	1033	1033	1036	1037	1037	1037	1028	1019	1016	1013	1017	1028	1033	1033	1033	1034	1034	1034	1033	1034	1033	1033	1031
13	1033	1032	1029	1030	1034	1038	1043	1047	1047	1041	1019	1012	1010	1014	1024	1015	1008	1023	1028	1028	1029	1028	1028	1029	1023	1028
14	1023	1024	1025	1024	1027	1032	1032	1032	1029	1023	1018	1013	1011	1019	1028	1033	1032	1029	1029	1033	1033	1032	1029	1028	‡	—
15	*	—	—	—	—	—	—	—	—	*	1017	1010	1012	1022	1032	1034	1033	1032	1032	1033	1034	1036	1034	1033	1033	—
16D	1033	1033	1032	1032	1032	1033	1037	1037	1034	1032	1027	1024	1023	1028	1040	1043	1047	1038	1043	1043	1032	1018	1008	1028	1028	1032
17D	1027	1027	1047	1041	1045	1051	1042	1022	1026	1028	1017	1017	1017	1016	1017	1022	1025	1026	1022	1022	1023	1038	1031	1019	1020	1028
18	1020	1017	1023	1028	1027	1022	1023	1026	1027	1025	1018	1013	1011	1009	1017	1018	1017	1031	1032	1031	1038	1043	1018	1022	1025	1023
19D	1025	1041	1037	1026	1028	1027	1028	1030	1027	1027	1020	1021	1022	1028	1025	983	997	997	986	987	978	974	972	979	992	**1010**
20D	992	1026	1017	1022	1019	1028	1027	1003	1007	1013	1012	1009	1004	1005	1016	1018	1019	1011	1015	1023	1028	1027	1027	1028	1023	1017
21	1023	1023	1022	1022	1026	1033	1039	1036	1033	1029	1022	1012	1012	1012	1013	1026	1028	1027	1027	1026	1042	1030	1035	1028	1027	1026
22	1027	1024	1026	1028	1028	1033	1036	1031	1031	1031	1031	1024	1021	1022	1025	1028	1030	1030	1031	1036	1035	1033	1034	1032	1032	1030
23D	1031	1031	1031	1031	1032	1036	1039	1040	1036	1028	1022	1022	1018	1011	1020	1026	1001	1015	1040	1044	1037	1017	1022	1026	1024	1027
24	1024	1017	1026	1030	1036	1034	1029	1020	1019	1018	1015	1008	1011	1005	1006	1026	1026	1020	1028	1020	1026	1027	1027	1027	1027	1022
25Q	1027	1026	1027	1028	1030	1031	1031	1032	1031	1025	1012	1009	1011	1015	1021	1026	1028	1030	1030	1031	1031	1032	1031	1031	1031	1026
26	1031	1031	1031	1032	1034	1036	1036	1041	1041	1040	1031	1027	1023	1023	1025	1027	1026	1022	1030	1036	1026	1030	1035	1035	1035	1031
27	1035	1034	1035	1032	1036	1037	1040	1040	1036	1029	1021	1021	1024	1026	1031	1032	1035	1031	1030	1031	1030	1031	1035	1031	1032	1032
28Q	1031	1030	1030	1030	1039	1036	1036	1040	1039	1035	1034	1029	1021	1024	1025	1022	1026	1031	1034	1034	1034	1035	1036	1035	1035	1032
29	1035	1035	1035	1035	1035	1039	1044	1040	1040	1036	1025	1022	1020	1019	1018	1025	1029	1034	1035	1034	1034	1036	1037	1039	1038	1033
30	1038	1039	1035	1035	1037	1040	1042	1041	1044	1039	1029	1024	1020	1019	1020	1024	1030	1035	1039	1037	1039	1031	1036	1034	1035	1034
31	1035	1034	1035	1035	1036	1040	1041	1042	1044	1044	1035	1030	1026	1025	1024	1031	1035	1035	1038	1040	1040	1040	1039	1038	1037	**1036**
Mean†	1029	1030	1030	1031	1032	1035	**1037**	1035	1034	1031	1024	1020	**1018**	1019	1023	1024	1025	1028	1030	1031	1031	1029	1029	1029	1029	1029

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

215. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **January, 1925.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	560	562	563	563	563	562	561	562	562	563	571	577	579	582	576	569	569	569	564	563	563	560	557	559	562	566
2	562	563	563	563	563	563	563	563	562	561	564	569	577	581	576	570	569	569	569	568	564	564	563	563	563	566
3	563	563	567	564	568	563	569	569	569	569	571	569	577	583	581	571	569	569	568	568	568	562	558	563	565	568
4Q	565	565	569	569	569	569	569	567	563	561	563	569	570	575	571	569	569	569	569	565	563	558	562	563	564	567
5	564	569	561	563	568	568	582	575	565	568	564	569	577	583	584	583	577	575	571	569	566	562	563	564	565	**570**
6	565	569	569	569	568	569	569	565	563	564	563	564	569	575	575	571	570	569	569	569	564	563	562	569	565	568
7	565	569	571	569	569	569	569	568	563	563	566	570	571	580	577	572	573	571	569	569	563	561	563	564	565	569
8	565	568	565	569	569	569	568	565	563	563	566	570	571	577	578	576	575	570	569	563	563	564	563	563	563	568
9	563	563	569	569	569	569	569	568	563	563	569	575	576	577	576	571	571	569	569	564	563	564	562	563	564	568
10Q	564	569	569	570	570	569	565	564	563	558	563	569	573	581	580	572	570	569	565	563	564	564	563	563	568	568
11Q	568	569	569	569	569	569	568	564	563	559	562	565	570	575	575	573	571	569	569	568	564	563	563	563	564	567
12	564	565	568	569	569	569	567	563	561	557	563	564	571	577	577	575	574	571	570	569	565	565	563	563	563	567
13	563	564	566	568	565	568	569	568	564	563	564	569	581	582	588	584	583	575	569	568	563	558	556	543	549	568
14	549	557	563	563	563	563	562	562	560	556	563	569	576	583	581	575	571	570	569	569	566	*	—	—	*	—
15	*	—	—	—	—	—	—	—	—	*	563	569	575	582	581	575	570	569	569	568	563	563	563	563	563	—
16D	563	563	563	563	563	565	564	563	561	559	566	569	577	582	584	582	583	583	581	588	530	505	523	556	563	564
17D	563	565	588	563	569	580	531	540	549	557	557	560	563	575	576	571	575	576	581	571	574	573	542	549	544	564
18	544	548	545	558	564	560	557	557	556	553	556	563	569	575	582	576	561	568	571	569	546	528	542	534	555	588
19D	555	551	545	545	549	555	556	557	556	555	556	564	571	582	583	569	563	565	563	543	518	497	464	457	492	**545**
20D	492	530	530	550	563	569	571	578	583	561	557	561	564	573	575	569	568	558	565	556	557	561	561	563	562	560
21	562	563	563	573	569	560	568	569	563	562	571	571	576	583	580	580	573	569	569	547	549	562	555	559	563	567
22	563	563	564	568	569	569	565	562	558	556	561	565	569	575	575	569	569	569	569	563	562	563	562	563	563	565
23D	563	566	569	569	569	564	560	563	558	555	555	565	571	581	577	576	577	577	571	570	569	549	515	542	547	563
24	547	561	569	563	563	568	564	563	566	556	557	558	563	575	567	573	563	555	551	551	556	556	557	561	562	561
25Q	562	568	569	569	565	563	563	561	551	551	549	556	561	569	569	568	563	563	563	562	561	561	561	561	563	562
26	563	563	565	569	568	564	565	563	561	556	556	562	568	571	575	575	575	575	575	568	561	563	563	563	563	566
27	563	564	568	567	569	569	565	563	561	555	556	565	571	580	582	576	571	569	569	569	563	563	557	556	557	566
28Q	557	559	562	563	568	558	563	563	561	556	559	563	565	571	579	577	575	570	569	569	563	563	563	563	563	565
29	563	563	568	565	565	565	566	564	563	556	551	556	563	571	580	577	571	569	569	563	562	562	557	561	562	565
30	562	562	563	567	569	569	569	569	564	558	557	564	569	569	571	571	570	569	569	569	569	564	542	560	562	565
31	562	563	569	569	565	569	569	569	564	563	557	563	570	575	577	577	575	570	569	569	569	568	563	563	563	568
Mean†	559	562	564	565	566	566	565	564	562	559	561	566	571	577	**577**	574	571	570	569	565	560	557	**553**	556	559	565

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279. * Gas failed. † Mean of 29 days; 14th and 15th omitted

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

216. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **January, 1925.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	939	938	940	940	941	941	941	941	941	939	936	936	936	936	936	941	941	941	941	941	941	941	941	940	940	940
2	941	941	940	940	940	940	940	941	941	942	942	942	941	941	942	942	941	941	941	941	941	941	941	939	939	941
3	940	939	938	938	938	936	936	936	936	938	936	938	938	938	941	942	942	942	942	942	942	941	940	939	939	939
4 Q	940	939	939	938	937	937	938	939	939	939	939	939	939	940	942	943	940	940	942	943	944	944	943	941	940	940
5	940	937	939	938	936	935	928	928	932	935	939	940	941	943	944	944	944	944	944	944	944	944	943	940	940	939
6	941	941	940	940	940	938	938	940	940	940	940	942	944	944	944	944	944	944	942	942	942	941	940	937	936	941
7	937	937	937	937	937	937	937	937	938	939	941	941	941	940	941	941	941	941	941	941	941	941	941	941	941	939
8	942	942	939	939	938	938	938	938	939	938	941	944	948	947	944	945	944	942	942	942	942	942	942	942	942	942
9	943	940	940	939	939	939	939	939	939	936	936	939	940	941	943	943	943	943	943	943	943	940	940	940	939	940
10 Q	940	940	940	940	940	940	940	940	940	937	936	937	940	941	942	944	942	941	940	940	940	940	940	940	940	940
11 Q	941	941	941	941	941	941	940	940	940	941	941	942	945	943	942	942	942	942	941	941	941	941	941	941	941	941
12	941	940	940	940	939	939	939	939	939	941	940	942	942	943	944	944	942	942	942	942	942	939	939	939	939	941
13	940	940	940	940	940	939	939	936	936	935	936	939	939	939	940	943	950	949	947	947	944	946	945	947	945	942
14	945	943	943	943	943	940	940	940	940	942	943	944	943	943	943	944	943	943	943	943	943	940	940	940	940	942
15	941	941	940	940	940	940	940	940	940	941	941	941	941	941	944	944	942	941	941	941	941	940	940	940	940	941
16 D	940	941	941	941	941	941	941	941	941	941	941	941	938	938	938	940	939	938	938	938	954	966	959	952	945	943
17 D	946	942	930	909	902	885	889	889	901	906	934	935	936	935	938	941	941	941	943	947	946	942	942	945	943	**928**
18	944	944	939	936	932	935	938	940	941	940	940	940	941	943	943	943	947	948	944	944	944	947	944	943	940	942
19 D	943	932	921	924	924	928	934	936	940	940	936	936	935	932	940	957	974	977	994	1003	989	972	952	915	882	**946**
20 D	883	859	859	889	908	916	924	932	936	942	945	945	946	946	946	949	950	953	949	949	949	945	945	942	942	931
21	943	942	942	938	931	930	930	930	931	933	933	938	939	939	942	942	939	942	942	946	945	942	942	943	942	938
22	943	943	940	939	939	937	938	939	940	943	939	939	939	939	940	943	943	943	943	942	942	941	940	940	940	941
23 D	940	939	939	939	939	939	939	937	939	940	942	943	943	943	943	946	948	947	943	939	940	952	960	951	942	943
24	943	932	923	931	935	932	935	936	937	940	940	944	944	944	948	945	948	948	947	947	944	944	943	941	940	940
25 Q	941	941	941	941	941	941	941	941	941	941	941	941	941	941	945	945	945	942	942	941	941	941	941	941	941	942
26	942	942	942	942	942	941	939	938	938	938	938	936	937	939	941	943	945	946	943	942	946	943	942	940	940	941
27	941	939	939	939	939	939	939	939	939	939	939	939	938	936	939	939	940	943	942	941	943	943	942	942	940	940
28 Q	940	939	939	940	938	938	936	935	935	935	935	935	935	933	935	942	943	943	943	942	942	939	939	939	939	938
29	940	939	939	939	939	939	937	937	937	939	938	936	936	936	939	943	944	943	941	941	942	941	940	940	939	939
30	940	938	940	940	940	939	938	938	938	937	936	933	934	938	940	945	945	944	942	941	940	941	943	941	939	940
31	940	939	938	938	938	938	938	938	938	938	937	934	937	938	938	939	939	941	941	941	941	940	941	940	939	939
Mean*	939	937	935	936	936	**935**	935	936	937	938	939	939	940	940	941	943	944	945	944	945	**945**	944	943	941	938	940

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

217. Eskdalemuir. **January, 1925.**

Day.	Terrestrial Magnetic Force.															Character Figures. §		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	North Component.					West Component.					Vertical Component.								
	Maximum 15000 γ +		Minimum 15000 γ +		Range.	Maximum 4000 γ +		Minimum 4000 γ +		Range.	Maximum 44000 γ +		Minimum 44000 γ +		Range.	ΣR²	ρ		
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	100γ²			a.
1	0 22	1039	1020	11 30	19	13 0	583	555	21 40	28	18 0	942	936	10 32	6	12	·17	0	85·9
2	21 20	1036	1015	11 10	21	12 23	583	559	8 30	24	10 12	942	939	23 30	**3**	10	·15	0	85·9
3	7 30	1049	1010	11 54	39	12 32	588	556	22 9	32	16 0	943	935	7 31	8	26	·39	0	85·9
4	6 12	1039	1019	13 41	20	13 10	576	556	20 50	20	21 0	944	937	4 0	7	8	·13	0	85·8
5	6 9	**1067**	1004	13 15	63	5 45	589	556	2 31	33	18 53	944	925	6 12	19	54	·80	1	85·8
6	22 26	1048	1017	12 27	31	13 30 } 23 30 }	576	561	22 50	**15**	12 0	945	934	23 8	11	13	·19	0	85·7
7	20 25	1060	1014	11 40	46	13 29	582	557	20 50	25	14 40	943	936	1 32	7	28	·41	0	85·7
8	7 32	1039	1015	12 19	24	13 30	582	558	21 42	24	11 32	950	938	3 40	12	13	·20	0	85·7
9	22 0	1039	1023	12 6	**16**	13 26	582	561	22 2	21	15 43	943	935	9 10	8	8	·11	0	85·7
10	19 55	1039	1021	12 11	18	13 35	582	557	9 23	25	14 50	944	935	10 10	9	10	·15	0	85·7
11	6 50	1039	1015	11 9	24	13 28	576	558	8 53	18	12 10	945	939	7 10	6	9	·14	0	85·7
12	22 15	1042	1012	12 20	30	13 22	581	557	9 20	24	14 29	946	938	7 0	8	15	·23	0	85·7
13	8 21	1052	1003	10 21	49	14 0	590	536	22 32	54	16 0	951	935	9 2	16	56	·82	1	85·7
14	20 22	1036	1008	11 55	28	13 20	584	549	0 5	35	15 12	945	939	23 30	6	20	·30	0	85·5
15	14 50	1037	1008	11 32	29	13 25	583	—	—	—	14 0	944	939	24 0	5	—	—	0	85·4
16	18 3	1055	993	21 46	62	19 32	589	483	20 8	106	20 39	972	929	18 0	43	169	2·51	2	85·3
17	5 35	**1067**	1002	18 20	65	2 18	**616**	516	6 2	100	18 42	948	880	5 39	68	188	2·78	2	85·1
18	20 50	1061	992	21 25	69	13 54	584	503	20 46	81	16 36	951	931	4 20	20	117	1·73	1	85·1
19	0 52	1056	**952**	19 7	**104**	14 52	595	**429**	22 2	**166**	19 9	**1014**	882	24 0	**132**	558	8·24	2	85·1
20	1 18	1056	988	0 40	68	8 4	596	462	0 25	134	17 2	953	**848**	1 32	105	336	4·96	2	85·1
21	19 39	1060	1006	13 50	54	13 13	588	528	19 24	60	19 21	950	929	6 20	21	70	1·03	1	85·0
22	5 58	1037	1019	12 0	18	13 41	577	555	9 29	22	15 0	944	937	5 10	7	9	·13	0	84·9
23	19 19	1051	992	16 18	59	13 12 } 16 19 }	588	496	22 12	92	22 12	963	937	7 11	26	126	1·86	1	84·9
24	4 45	1046	994	13 35	52	13 16	583	543	17 34	40	14 30	950	921	1 58	29	51	·76	1	84·9
25	7 32	1035	1007	11 32	28	14 6	575	548	9 45	27	14 30	946	941	7 10	5	15	·23	0	84·9
26	7 0	1042	1016	17 0	26	17 34	577	555	9 40	22	17 3	946	935	11 12	11	13	·19	0	84·8
27	7 0	1041	1020	10 49	21	14 12	583	553	9 30	30	21 20	943	936	12 59	7	14	·21	0	84·7
28	7 2	1044	1020	12 21	24	13 52	581	555	8 40	26	16 0	943	931	13 22	12	14	·21	0	84·7
29	6 10	1045	1014	13 15	31	13 50	582	549	10 0	33	16 0	944	936	11 8	8	21	·31	0	84·7
30	22 3	1049	1015	12 38	34	14 20	576	532	21 52	44	15 20	945	933	11 32	12	32	·48	1	84·7
31	6 20	1045	1021	13 59	24	14 30	581	556	9 52	25	17 59	942	934	10 55	8	13	·19	0	84·8
Mean	—	1047	1008	—	39	—	584	538	—	46	—	949	928	—	21	67	—	0·48	85·3
No. of Days used.	—	31	31	—	31	—	30	30	—	30	—	31	31	—	31	30	—	31	31

* Mean of 29 days; 14th and 15th omitted

For explanation *see* page 107. Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of [illegible] les 268–279.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

218. Eskdalemuir. (X.) **February, 1925.**

15,000 γ (·15 C.G.S. unit) +

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1036	1036	1036	1038	1039	1041	1044	1045	1048	1044	1039	1033	1023	1016	1006	1024	1036	1038	1038	1041	1034	1029	1029	1049	1033	**1035**
2	1033	1034	1034	1034	1034	1038	1039	1043	1043	1039	1029	1024	1020	1021	1024	1030	1033	1030	1033	1033	1034	1035	1037	1035	1035	1033
3Q	1035	1033	1030	1035	1035	1038	1038	1039	1039	1037	1030	1024	1022	1023	1024	1030	1033	1034	1034	1038	1036	1034	1034	1044	1038	1033
4Q	1037	1033	1037	1037	1038	1038	1038	1041	1039	1033	1023	1018	1019	1022	1027	1029	1033	1034	1033	1033	1035	1035	1037	1037	1034	1033
5	1034	1034	1033	1034	1038	1038	1042	1042	1038	1033	1023	1019	1022	1020	1020	1019	1028	1029	1033	1032	1033	1033	1035	1033	1034	1031
6	1034	1040	1033	1034	1037	1042	1039	1042	1039	1032	1023	1016	1023	1028	1024	1027	1027	1025	1025	1022	1028	1033	1032	1033	1032	1031
7	1032	1034	1034	1033	1033	1034	1037	1037	1037	1033	1028	1022	1014	1013	1018	1025	1029	1033	1037	1034	1029	1035	1042	1042	1043	1031
8D	1042	1040	1039	1039	1041	1043	1041	1042	1042	1042	1038	1033	1027	1026	1026	1027	1028	1027	1028	1019	1026	1017	1032	1019	1047	1033
9D	1047	1003	1019	1032	1038	1037	1027	1018	1031	1033	1026	1022	1012	1008	1011	1017	1023	1022	1022	1017	1027	1032	1024	1027	1028	1024
10	1028	1030	1023	1022	1022	1027	1027	1028	1032	1028	1019	1012	1007	1007	1011	1019	1026	1026	1022	1023	1026	1031	1028	1028	1035	1023
11	1034	1026	1030	1026	1030	1032	1035	1031	1030	1025	1021	1016	1013	1011	1017	1022	1025	1030	1026	1026	1020	1020	1021	1025	1028	1025
12	1028	1030	1026	1030	1027	1030	1031	1035	1035	1035	1026	1023	1021	1012	1021	1017	1016	1007	1012	1030	1027	1028	1027	1030	1031	1025
13	1031	1035	1032	1031	1031	1034	1031	1031	1033	1026	1016	1016	1013	1018	1021	1028	1031	1031	1026	1028	1031	1031	1031	1029	1032	1028
14	1031	1029	1031	1030	1026	1030	1032	1032	1030	1026	1025	1019	1015	1015	1012	1019	1023	1021	1016	1024	1029	1039	1031	1031	1030	1026
15	1030	1034	1031	1030	1031	1033	1034	1030	1029	1024	1016	1014	1016	1016	1019	1024	1022	1030	1032	1035	1034	1039	1035	1034	1034	1028
16	1034	1034	1034	1034	1034	1035	1035	1035	1035	1031	1022	1014	1015	1024	1029	1029	1019	1029	1031	1039	1034	1029	1032	1019	1025	1029
17	1025	1031	1035	1029	1030	1031	1032	1036	1036	1031	1021	1019	1019	1017	1017	1020	1020	1016	1016	1020	1026	1021	1023	1039	1040	1026
18	1039	1033	1033	1033	1034	1034	1033	1030	1034	1034	1023	1015	1009	1011	1019	1023	1025	1030	1032	1037	1038	1033	1028	1024	1028	1028
19	1028	1029	1025	1025	1027	1029	1034	1033	1030	1027	1023	1023	1015	1013	1017	1018	1016	1018	1015	1004	1009	1005	1004	1012	1018	**1020**
20	1018	1028	1030	1042	1045	1044	1054	1044	1038	1035	1020	1014	1013	1011	1014	1019	1020	1027	1028	1029	1029	1030	1030	1032	1032	1029
21Q	1031	1032	1033	1032	1032	1033	1033	1036	1037	1034	1031	1023	1018	1018	1018	1022	1023	1027	1028	1031	1032	1033	1032	1032	1032	1029
22Q	1032	1033	1033	1033	1037	1038	1038	1042	1038	1035	1032	1022	1019	1023	1029	1032	1030	1033	1037	1038	1038	1037	1037	1037	1034	1033
23Q	1033	1033	1035	1034	1036	1037	1038	1039	1038	1033	1026	1018	1021	1026	1031	1032	1032	1032	1034	1036	1036	1037	1037	1037	1036	1033
24D	1036	1036	1037	1037	1038	1037	1041	1041	1038	1033	1022	1018	1017	1021	1027	1038	1043	1037	1029	1026	1009	1023	1027	1031	1027	1031
25D	1027	1027	1021	1041	1038	1043	1041	1038	1029	1017	1009	1006	1002	1009	1010	1021	1027	1031	1032	1033	1032	1032	1027	1027	1031	1026
26	1030	1027	1030	1031	1035	1035	1036	1035	1031	1027	1019	1015	1012	1014	1016	1025	1030	1032	1036	1036	1035	1036	1036	1036	1035	1029
27	1035	1032	1032	1034	1035	1036	1036	1036	1034	1026	1016	1011	1012	1015	1019	1022	1028	1031	1032	1035	1036	1036	1036	1036	1037	1029
28D	1037	1039	1037	1041	1050	1041	1032	1036	1037	1039	1035	1021	991	1005	1012	1024	1027	1029	1036	1040	1034	1035	1037	1035	1035	1031
Mean†	1033	1031	1031	1033	1035	1036	**1036**	1036	1036	1032	1024	1019	**1015**	1016	1018	1024	1027	1028	1028	1029	1029	1030	1030	1031	1033	1029

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

219. Eskdalemuir. (—Y.) **February, 1925.**

4,000 γ (·04 C.G.S. unit) +

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	563	564	566	568	569	569	569	569	569	563	561	562	567	574	578	578	575	571	569	569	564	558	556	547	556	566
2	556	561	563	563	563	565	564	563	563	557	557	559	565	575	577	576	571	563	563	568	563	563	557	562	562	564
3 Q	562	561	564	563	563	563	563	561	558	556	557	563	563	569	575	574	569	566	564	563	563	562	560	556	556	563
4 Q	556	563	564	567	564	563	564	563	562	556	559	565	575	580	579	574	567	564	563	563	563	563	563	563	563	565
5	563	563	563	563	564	563	563	563	558	555	553	563	570	573	576	571	571	569	563	563	562	563	558	561	562	564
6	562	557	561	570	564	557	556	556	555	551	557	563	575	581	581	573	568	563	555	557	562	562	562	562	559	563
7	559	565	563	563	563	563	563	560	557	555	555	562	567	575	580	581	571	569	569	569	557	561	563	563	563	565
8 D	563	565	566	569	569	569	566	560	556	553	551	561	569	576	576	575	570	575	564	557	549	532	515	512	454	557
9 D	454	470	505	511	518	539	598	599	594	563	557	559	571	573	578	576	575	567	571	569	548	549	555	555	551	**554**
10	551	545	549	555	556	557	555	555	555	550	549	555	563	575	579	575	568	563	562	567	562	557	549	542	539	558
11	539	546	549	555	558	557	556	556	551	549	551	561	565	576	585	583	575	570	571	575	569	563	557	558	556	562
12	556	555	549	551	551	557	558	557	556	556	555	558	577	581	590	584	578	576	575	564	543	551	555	555	557	562
13	557	555	557	557	560	557	557	557	556	556	561	563	576	584	588	584	575	571	573	571	561	549	549	557	551	564
14	551	551	549	550	551	550	555	556	556	551	556	563	575	579	578	573	571	574	575	575	563	550	556	557	556	561
15	556	557	556	557	557	557	557	556	556	555	555	563	571	576	577	576	570	570	569	569	563	556	555	556	556	562
16	556	556	557	556	556	556	556	556	555	550	551	557	569	580	579	581	569	570	575	569	564	538	539	528	547	559
17	547	562	549	555	556	550	551	555	551	549	556	564	581	588	589	590	589	584	583	565	557	542	549	530	532	562
18	532	543	553	556	557	556	555	556	556	550	551	556	564	573	582	582	575	569	564	568	563	559	554	557	556	560
19	556	556	555	551	555	557	557	556	555	551	550	561	570	582	590	595	589	583	588	577	557	542	532	517	518	561
20	518	509	520	515	534	564	564	562	557	563	563	563	566	570	571	569	563	562	562	562	559	558	557	557	561	555
21 Q	561	561	563	558	557	557	557	557	556	553	555	557	568	575	575	571	564	562	562	561	557	557	556	557	561	561
22 Q	561	561	558	559	557	556	557	557	556	555 *	556	558	571	*	—	—	—	—	—	—	—	—	—	—	—	—
23 Q	—	—	—	—	—	—	—	—	—		550	558	574	580	581	576	568	563	563	562	560	559	560	561	562	—
24 D	562	563	563	563	564	563	562	557	551	548	549	556	568	575	577	577	571	572	575	575	557	551	549	538	551	562
25 D	551	553	556	563	551	549	555	570	577	577	582	588	589	588	588	582	573	563	562	561	557	555	555	556	556	**567**
26	556	558	561	562	562	561	558	556	555	550	549	557	564	569	570	568	563	563	563	563	562	561	557	557	557	560
27	557	557	559	561	561	560	558	556	553	550	556	564	573	576	576	575	570	568	566	563	563	562	562	558	559	563
28 D	559	563	563	563	561	549	550	551	555	550	556	558	569	575	581	583	578	570	569	564	569	564	568	547	547	563
Mean†	550	552	555	556	557	558	560	560	559	555	556	562	570	577	**580**	578	572	569	568	566	560	555	553	550	**549**	562

† Mean of 26 days; 22nd and 23rd omitted. * Burner sooted up.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

220. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **February, 1925.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	940	939	939	939	939	939	939	939	936	935	935	934	934	934	936	938	939	939	940	940	942	943	944	939	939	938
2	940	940	940	940	940	940	940	940	940	940	941	941	944	942	940	941	943	944	944	943	943	944	944	941	940	941
3 Q	941	941	941	940	941	941	941	941	941	941	939	939	937	935	937	941	942	941	941	941	941	942	944	941	941	940
4 Q	942	941	939	939	939	939	939	939	941	942	942	939	935	937	938	942	942	942	942	942	942	942	942	942	942	940
5	943	943	941	940	939	939	939	939	939	942	938	936	937	939	940	943	943	942	942	943	942	943	943	943	942	941
6	943	940	939	937	936	936	936	937	939	937	935	935	935	934	935	940	944	945	948	948	946	945	944	944	944	940
7	945	944	942	942	942	942	942	943	942	944	938	939	938	938	940	946	949	945	944	943	945	946	942	942	941	943
8 D	941	941	941	941	940	940	938	938	938	938	936	930	932	933	937	941	942	941	944	949	950	953	946	936	919	940
9 D	920	909	894	883	887	901	900	897	900	911	918	923	926	933	934	941	946	950	950	953	955	950	949	946	947	**925**
10	948	944	943	944	945	943	943	943	943	945	943	940	940	939	942	947	950	951	951	948	947	947	947	947	943	945
11	944	943	943	944	944	944	944	944	945	946	944	943	943	941	941	949	952	952	949	949	952	955	956	954	951	947
12	952	949	949	949	949	948	946	945	945	942	941	937	935	940	944	952	958	963	962	957	957	954	953	950	950	949
13	951	947	949	949	948	946	946	946	945	945	945	943	941	941	945	950	952	954	954	953	954	950	950	948	948	948
14	949	949	948	948	949	949	948	946	945	944	937	936	938	941	946	951	955	956	958	955	955	951	950	948	947	948
15	948	948	948	947	947	947	947	947	947	947	945	944	943	940	940	943	947	949	948	948	950	948	948	947	947	946
16	948	946	946	946	946	946	946	945	945	945	945	941	938	941	941	946	952	955	952	950	952	957	956	949	949	947
17	949	945	941	944	945	946	946	943	942	942	941	937	933	936	941	948	953	957	958	965	965	965	958	953	941	948
18	942	942	942	942	943	945	945	944	942	942	943	942	942	939	939	944	946	947	948	947	947	949	950	950	949	944
19	950	950	948	948	947	946	943	943	946	947	946	943	943	946	948	954	961	964	967	972	979	976	971	960	953	951
20	953	948	938	927	923	918	913	921	927	930	934	935	939	942	943	947	950	948	947	947	947	947	947	947	947	938
21 Q	948	947	945	944	944	944	944	944	944	944	943	941	939	944	948	951	951	949	948	948	948	948	948	948	948	946
22 Q	948	947	947	946	944	944	944	943	943	944	944	943	943	944	944	946	946	944	944	944	944	944	944	944	944	944
23 Q	945	945	945	944	944	943	942	941	941	944	944	940	940	943	944	945	948	946	945	945	945	944	944	944	944	944
24 D	944	945	945	945	944	944	943	941	941	940	937	937	937	937	937	940	944	945	946	950	964	966	964	962	957	946
25 D	957	953	952	938	937	940	940	935	933	933	931	931	936	944	949	952	953	952	949	948	946	945	945	945	945	943
26	946	946	946	945	945	945	945	944	945	945	945	945	946	946	946	948	948	946	945	945	945	943	942	942	942	945
27	942	942	942	942	942	942	942	942	942	942	941	938	938	939	942	944	945	945	944	944	943	942	942	942	941	942
28 D	942	942	942	941	938	939	939	939	940	942	939	939	938	935	938	942	943	943	945	946	946	947	947	950	948	942
Mean†	945	943	942	940	940	940	940	939	940	940	939	938	938	939	941	945	948	949	949	949	950	950	949	947	945	943

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

221. Eskdalemuir. **February, 1925.**

Day.	Terrestrial Magnetic Force.															Character Figures.§		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	North Component.					West Component.					Vertical Component.								
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	ΣR²	ρ		
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	100γ²			a.
1	23 0	1064	998	14 0	66	2 26	590	527	22 49	63	21 45	946	932	11 12	14	85	1·19	1	84·8
2	8 6	1044	1019	12 21	25	14 30	582	555	9 27	27	11 50	944	940	2 0	4	14	·19	0	84·7
3	22 31	1049	1019	11 48	30	14 3	575	555	9 46	20	21 40	945	934	13 10	11	14	·20	0	84·7
4	7 50	1043	1015	11 38	28	13 0	584	555	9 32	29	18 0	943	935	12 3	8	17	·24	0	84·7
5	7 6	1043	1013	14 50	30	13 33	581	549	9 20	32	15 20	944	935	11 20	9	20	·28	0	84·7
6	1 19	1043	1013	11 12	30	13 47	588	549	18 8	39	18 6	949	933	13 0	16	27	·38	0	84·6
7	22 10	1063	1010	13 9	53	14 26	583	549	22 18	34	15 48	950	938	10 9	12	41	·58	1	84·6
8	23 49	**1071**	1007	23 16	64	13 38	579	**443**	23 40	136	21 29	954	919	24 0	35	238	3·34	1	84·6
9	3 35	1057	982	0 55	**75**	6 37	**612**	450	0 13	**162**	20 8	958	879	3 23	**79**	381	5·34	2	84·5
10	22 32	1046	1006	12 40	40	14 0	581	529	22 55	52	16 40	951	938	13 10	13	45	·63	1	84·5
11	0 1	1041	1008	13 1	33	14 10	589	536	0 1	53	22 0	956	940	13 25	16	42	·58	0	84·5
12	8 45	1038	997	17 43	41	14 13	593	532	20 11	61	17 42	965	934	11 50	31	64	·89	1	84·5
13	20 28	1051	1012	11 41	39	13 29	590	530	21 18	60	20 3	955	941	13 0	14	53	·75	1	84·5
14	20 43	1052	1010	13 30	42	13 47	584	538	20 35	46	18 13	958	935	10 40	23	44	·62	1	84·3
15	20 58	1055	1012	11 20	43	14 0	582	549	20 39	33	20 48	952	940	13 0	12	31	·43	0	84·3
16	21 38	1045	1010	22 46	35	13 15	588	509	22 52	79	21 20	958	938	12 0	20	79	1·10	1	84·3
17	23 6	1058	1012	18 23	46	12 32	595	510	22 48	85	19 30	967	932	12 32	35	106	1·48	1	84·3
18	0 21	1044	1005	12 33	39	14 42	584	529	0 20	55	22 30	952	938	13 10	14	47	·66	1	84·3
19	6 0	1038	992	20 38	46	14 17	602	505	23 23	97	20 42	**979**	942	11 28	37	129	1·81	1	84·2
20	6 18	1058	1010	{11 5 {12 59	48	5 10	583	497	0 40	86	0 1	954	**910**	5 50	44	116	1·63	1	84·2
21	7 50	1039	1014	13 11	**25**	14 39	576	550	9 25	26	15 30	952	939	12 0	13	15	·21	0	84·2
22	7 5	1043	1018	11 18	**25**	—	—	—	—	—	0 21	948	942	11 30	**6**	—	—	0	84·2
23	7 41	1042	1017	11 21	**25**	13 50	583	—	—	—	16 0	948	938	11 50	10	—	—	0	84·1
24	21 34	1054	996	21 51	58	18 49	583	524	21 58	59	20 35	969	936	11 35	33	79	1·11	1	84·1
25	4 50	1047	1001	11 30	46	11 22	592	544	4 50	48	0 1	956	930	10 50	26	51	·72	1	84·0
26	18 3	1037	1010	12 33	27	14 31	572	549	9 41	23	12 20	949	941	24 0	8	13	·19	0	84·0
27	20 49	1040	1009	11 41	31	13 32	579	549	9 2	30	16 0	946	937	11 10	9	19	·27	0	83·9
28	4 26	1056	**981**	12 2	**75**	14 53	588	537	22 49	51	22 50	951	935	13 10	16	85	1·19	1	83·9
Mean	—	1049	1007	—	42		586	529	—	57	—	954	933	—	20	71	—	0·61	84·4
No. of Days used		28	28		28		26	26	—	26	—	28	28	—	28	26	—	28	28

§ For explanation *see* page 107. † Mean for 26 days; 22nd and 23rd omitted.
Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

222. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **March, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1D	1035	1041	1024	1030	1042	*	—	—	—	—	—	—	—	—	—	—	—	*	1035	1036	1041	1026	1023	1026	1030	—
2	1029	1030	1030	1034	1034	1034	1035	1034	1030	1025	1020	1015	1015	1015	1015	1025	1034	1031	1034	1034	1035	1034	1035	1037	1034	1029
3Q	1034	1035	1034	1034	1035	1035	1035	1035	1035	1024	1022	1017	1015	1015	1022	1031	1035	1034	1035	1035	1035	1039	1039	1038	1036	1031
4	1036	1035	1035	1037	1035	1039	1039	1041	1039	1030	1020	1010	1006	1012	1023	1031	1040	1040	1042	1042	1044	1046	1041	1044	1046	1034
5D	1046	1033	1035	1054	1040	1048	1046	1045	1039	1035	1021	1001	1003	1011	1025	1029	1029	1026	1022	1020	1030	1034	1039	1041	1035	1031
6	1034	1034	1033	1030	1040	1039	1039	1035	1030	1025	1017	1010	1008	1014	1025	1030	1035	1035	1035	1034	1035	1034	1033	1034	1039	1030
7	1039	1034	1029	1023	1031	1033	1034	1033	1027	1020	1011	1005	1005	1012	1019	1028	1032	1034	1038	1039	1039	1038	1040	1037	1038	1028
8Q	1038	1039	1039	1039	1039	1040	1040	1040	1039	1034	1025	1015	1014	1019	1025	1031	1034	1035	1038	1039	1039	1039	1039	1043	1044	1034
9D	1044	1045	1048	1048	1048	1051	1050	1046	1049	1036	1012	1024	1012	1018	1019	1024	1018	1019	1016	1039	1029	1031	1052	1045	1029	1034
10D	1029	1029	1048	1028	1029	1034	1034	1034	1033	1024	1012	1005	1009	1010	1023	1021	1018	1038	1034	1036	1038	1034	1054	1044	1042	1029
11	1041	1029	1028	1028	1033	1037	1036	1035	1036	1027	1017	1012	1008	1012	1016	1023	1032	1033	1033	1036	1039	1047	1038	1035	1033	1029
12	1033	1036	1033	1034	1033	1033	1035	1035	1033	1022	1013	1008	1004	1012	1022	1027	1032	1034	1037	1037	1038	1034	1034	1035	1041	1029
13	1041	1036	1035	1035	1037	1035	1034	1032	1034	1032	1020	1012	1012	1012	1023	1032	1034	1037	1039	1039	1035	1037	1036	1047	1041	1032
14	1041	1038	1039	1037	1038	1042	1038	1039	1034	1024	1016	1011	1010	1015	1022	1026	1034	1040	1039	1039	1041	1045	1040	1038	1039	1033
15D	1039	1037	1038	1041	1044	1046	1044	1038	1023	1028	1024	1003	973	988	983	989	1016	1032	1031	1028	1022	1051	1035	1028	1028	**1024**
16	1028	1029	1028	1027	1027	1034	1038	1034	1029	1009	1008	1003	1000	1012	1014	1022	1035	1033	1038	1036	1038	1038	1037	1035	1036	1027
17	1036	1037	1038	1028	1031	1036	1033	1035	1033	1025	1013	1003	1000	1003	1013	1021	1027	1030	1032	1034	1036	1035	1044	1044	1037	1028
18Q	1037	1033	1033	1032	1033	1033	1037	1036	1035	1028	1014	1003	998	1002	1013	1019	1027	1033	1037	1038	1038	1038	1038	1038	1037	1028
19	1037	1036	1034	1034	1034	1037	1040	1042	1036	1028	1014	1006	1006	1004	1009	1019	1027	1035	1040	1039	1039	1040	1048	1039	1036	1030
20	1036	1037	1050	1039	1038	1038	1043	1045	1042	1033	1021	1007	999	1006	1017	1024	1032	1037	1048	1048	1049	1038	1033	1039	1043	1033
21	1043	1037	1037	1038	1038	1038	1038	1038	1037	1024	1015	1012	1009	1012	1015	1025	1032	1038	1040	1043	1041	1041	1045	1045	1045	1033
22	1045	1045	1048	1048	1045	1046	1047	1046	1039	1027	1007	999	997	1000	1008	1019	1030	1034	1039	1043	1043	1043	1045	1039	1038	1032
23	1038	1038	1040	1041	1042	1052	1054	1043	1032	1018	998	998	1000	1013	1013	1019	1031	1033	1037	1038	1042	1046	1047	1047	1044	1032
24	1043	1042	1042	1041	1038	1041	1041	1041	1037	1029	1018	1011	1011	1015	1022	1028	1034	1036	1044	1043	1043	1043	1041	1040	1041	1034
25	1041	1037	1037	1041	1038	1042	1041	1042	1040	1032	1021	1010	1010	1012	1019	1023	1029	1032	1039	1041	1038	1038	1038	1035	1037	1032
26	1037	1041	1037	1038	1043	1042	1046	1046	1042	1032	1022	1009	1011	1018	1022	1020	1020	1036	1042	1041	1042	1041	1038	1041	1041	1034
27	1041	1037	1039	1048	1041	1040	1047	1047	1044	1031	1017	1009	1010	1022	1036	1038	1017	1032	1031	1041	1037	1042	1051	1033	1034	1034
28Q	1035	1037	1038	1038	1038	1041	1043	1043	1039	1030	1016	1011	1011	1016	1025	1029	1032	1038	1042	1045	1045	1044	1044	1043	1043	1034
29	1043	1042	1042	1042	1042	1042	1043	1043	1039	1030	1014	1003	1002	1003	1012	1028	1037	1028	1037	1033	1031	1028	1033	1038	1043	1031
30	1043	1037	1038	1038	1039	1040	1043	1044	1043	1033	1022	1009	1002	1003	1011	1022	1029	1042	1047	1048	1047	1047	1048	1049	1048	1034
31Q	1048	1047	1044	1044	1044	1044	1045	1044	1042	1034	1023	1013	1008	1009	1017	1027	1037	1043	1043	1043	1043	1043	1043	1044	1047	**1036**
Mean†	1039	1037	1038	1037	1038	1040	**1041**	1040	1036	1028	1016	1008	**1006**	1011	1018	1024	1030	1034	1037	1038	1038	1040	1041	1040	1039	1031

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

223. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **March, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1D	547	547	536	540	538	561	549	557	569	553	563	564	569	583	577	575	568	563	562	562	562	549	543	550	557	558
2	557	557	557	557	557	556	556	555	555	555	558	563	575	575	576	570	569	568	567	564	563	562	557	557	557	562
3Q	557	560	557	557	561	555	555	556	555	555	550	566	579	581	578	573	564	562	562	562	563	563	563	561	557	562
4	557	557	562	555	556	557	557	556	555	549	555	563	576	581	581	573	569	565	569	569	567	567	563	549	540	563
5D	540	542	544	556	529	534	536	542	545	549	555	563	583	588	596	589	583	576	569	564	557	557	556	553	556	559
6	557	562	557	575	558	550	550	548	545	550	551	561	575	579	578	572	566	562	563	560	558	558	557	551	554	560
7	554	549	552	556	561	552	552	550	545	544	554	566	580	587	584	577	568	562	562	562	562	558	562	563	563	561
8Q	563	563	562	561	559	560	558	557	553	550	556	565	576	580	578	572	564	562	563	563	562	560	560	563	564	563
9D	564	564	562	560	558	556	552	551	548	547	565	584	587	595	590	584	573	563	558	547	544	544	543	534	540	561
10D	540	545	556	544	550	550	550	548	543	544	551	564	576	582	585	576	567	545	563	561	557	547	544	546	539	**556**
11	539	558	561	558	565	545	549	549	546	546	551	563	574	582	582	580	571	568	564	564	565	561	554	554	556	561
12	556	557	558	557	552	556	550	550	544	544	553	564	572	578	580	576	565	563	564	557	554	561	560	550	544	559
13	544	555	556	556	554	551	550	550	547	546	552	565	578	582	582	574	567	565	566	564	558	554	541	543	545	558
14	545	545	545	551	553	551	552	554	545	546	557	564	580	584	584	576	565	563	564	564	564	552	557	563	563	560
15D	563	559	559	559	559	556	550	542	545	552	560	571	576	595	604	585	574	569	565	564	556	537	533	556	557	562
16	557	554	556	561	558	550	543	539	542	544	551	564	572	582	584	574	569	562	563	564	563	561	558	557	557	559
17	557	553	550	558	551	545	551	549	544	541	549	558	570	577	576	573	565	562	557	555	550	556	554	549	549	556
18Q	549	550	551	551	550	550	550	547	545	543	550	561	572	580	581	578	570	564	562	560	559	559	559	558	558	559
19	558	557	558	557	557	557	557	552	543	533	538	549	567	576	582	584	576	570	565	564	562	564	554	546	553	559
20	553	550	554	543	548	551	553	551	544	540	546	562	574	589	595	593	587	572	570	566	562	552	551	550	544	560
21	544	541	544	549	552	552	550	545	541	542	549	558	570	580	578	576	570	569	565	564	564	562	563	560	562	558
22	562	561	558	560	558	558	557	550	539	533	537	558	579	589	589	580	572	564	548	557	559	561	564	557	556	560
23	556	556	563	554	557	558	566	567	557	548	564	580	590	598	594	584	572	564	560	558	547	559	563	563	560	**566**
24	560	561	561	558	557	552	550	544	532	531	539	551	569	581	584	579	574	566	566	560	563	562	558	558	556	559
25	556	557	557	557	556	552	551	548	537	531	543	554	572	584	584	578	572	564	564	559	559	557	552	550	556	558
26	556	551	546	558	551	550	550	549	543	536	545	562	572	589	591	587	570	564	564	563	559	557	557	557	557	559
27	557	556	557	550	550	552	551	549	544	538	545	557	570	583	596	594	584	570	551	557	552	543	536	550	556	558
28Q	556	556	556	556	556	556	556	550	539	537	544	552	564	577	583	578	571	570	564	564	564	562	558	558	557	559
29	557	557	557	556	556	552	552	549	538	533	537	545	563	569	584	591	584	576	566	564	557	549	545	554	543	558
30	543	545	550	550	551	552	556	550	543	537	539	546	564	578	584	578	572	570	565	564	564	564	564	558	556	558
31Q	556	556	554	556	556	556	556	557	550	540	545	551	562	572	577	576	569	563	558	563	560	559	558	558	558	559
Mean†	554	554	555	556	555	552	552	550	545	**543**	550	561	574	582	**585**	579	571	565	563	562	559	557	555	554	554	560

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

† Mean of 30 days; 1st omitted * light failed.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

224. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **March, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1D	948	947	947	946	944	935	929	926	923	926	926	927	933	935	938	942	943	946	944	944	943	949	950	947	943	939
2	943	943	942	942	942	942	942	942	942	942	940	939	938	939	940	942	946	945	944	944	943	943	943	942	942	**942**
3Q	942	942	942	942	941	942	942	942	942	943	942	937	938	939	942	943	946	944	943	943	943	942	942	942	942	942
4	943	943	943	940	943	942	941	940	941	940	939	936	936	935	935	939	940	939	939	939	939	940	943	940	940	940
5D	941	944	944	931	932	935	935	934	936	940	940	939	935	936	936	941	945	949	953	956	953	949	947	941	941	941
6	941	940	940	932	923	924	925	929	935	937	937	933	932	933	937	941	944	944	941	941	941	941	941	941	939	936
7	939	936	935	935	934	937	937	938	940	937	936	934	935	937	939	942	944	942	940	940	940	940	939	939	939	938
8Q	939	938	937	937	937	936	936	935	936	933	931	930	932	935	937	940	942	940	938	938	938	937	937	937	936	936
9D	936	936	936	936	935	934	932	932	930	928	924	920	924	926	932	938	945	953	957	954	948	945	937	926	929	936
10D	929	932	922	924	930	932	935	936	935	933	927	924	927	929	932	941	953	957	945	941	940	942	936	932	930	935
11	931	931	929	929	924	925	929	929	932	931	929	929	928	929	933	936	939	941	939	938	938	937	938	937	938	933
12	938	938	938	938	939	938	937	936	936	937	932	930	932	933	935	941	945	942	938	941	941	938	938	940	939	938
13	940	939	939	939	939	939	939	939	938	936	931	930	930	931	934	939	942	939	939	940	942	942	942	938	937	938
14	937	937	936	937	937	937	937	936	934	934	931	931	932	935	940	944	944	943	940	939	938	938	937	937	937	937
15D	937	938	938	938	937	937	937	939	938	932	930	926	930	934	942	957	952	951	950	951	955	947	942	940	941	941
16	941	942	941	938	934	934	935	938	938	937	934	934	934	936	939	942	946	943	942	942	940	939	939	939	939	939
17	939	938	937	935	935	937	938	939	940	937	932	928	929	931	934	938	940	942	942	943	943	943	940	934	934	937
18Q	935	935	936	938	939	939	939	940	939	938	935	935	933	935	936	940	943	943	942	942	940	940	940	940	939	939
19	939	939	938	938	938	938	938	940	942	939	931	930	928	928	931	933	938	940	943	942	943	941	940	940	940	937
20	941	941	934	933	935	935	932	932	935	933	929	926	922	921	926	932	938	941	940	940	940	946	947	944	943	935
21	943	940	939	939	937	938	938	939	937	936	932	929	927	928	931	935	939	939	936	937	938	938	937	938	938	936
22	938	937	936	933	932	932	932	936	939	939	932	924	919	924	931	935	938	941	943	940	937	936	936	937	938	935
23	938	937	936	935	934	931	927	928	932	932	931	928	928	936	941	944	948	946	941	941	941	939	936	936	936	936
24	937	937	937	937	937	937	937	937	937	933	928	925	921	925	932	937	937	937	937	937	937	935	937	937	937	934
25	937	937	937	933	932	929	930	933	937	933	925	917	916	920	928	933	937	938	937	937	937	937	937	937	937	932
26	938	938	935	931	929	931	930	931	933	929	919	917	917	921	926	934	934	934	934	934	934	934	934	934	934	**930**
27	934	934	934	930	930	930	930	931	931	930	926	925	919	918	921	933	946	950	953	948	943	942	938	934	934	934
28Q	935	935	936	938	937	936	935	935	935	931	928	924	922	923	927	934	935	935	935	935	935	935	935	935	935	933
29	935	935	935	935	935	935	935	935	935	934	927	923	919	919	919	925	938	947	952	952	952	951	947	943	938	936
30	939	937	936	936	936	936	936	936	936	932	928	924	921	921	924	931	936	937	937	936	936	936	936	939	938	933
31Q	938	935	935	933	933	932	932	932	932	928	924	923	920	920	924	931	932	936	936	935	935	934	934	933	932	931
Mean†	938	938	937	935	935	935	935	936	936	935	931	928	**927**	929	933	938	942	**943**	942	942	941	940	939	938	937	936

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

225. Eskdalemuir. **March, 1925.**

Day.	Terrestrial Magnetic Force. North Component. Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	West Component. Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Vertical Component. Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	Character Figures. § ΣR²	ρ	Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	100γ²			a
1	—	—	—	—	—	13 45	602	531	1 52	71	21 30	951	922	8 10	29	—	—	1	83·9
2	23 17	1056	1005	12 33	51	14 4	583	551	8 32 / 9 59	**32**	16 42	946	938	12 3	**8**	37	·50	0	83·9
3	0 44	1040	1010	11 9	**30**	12 48	587	549	9 40	38	16 0	947	936	11 1	11	25	·34	0	83·9
4	20 40	1059	1005	11 40	54	14 10	583	536	23 39	47	0 10	944	934	13 26	10	52	·71	0	83·9
5	2 42	1065	995	11 56	70	14 6	602	523	4 54	79	18 52	957	928	3 3	29	120	1·63	1	83·8
6	6 15	1043	1005	12 0	38	12 30	583	544	7 38	39	16 0	945	920	4 30	25	36	·49	1	83·7
7	0 10	1044	1004	11 49	40	12 41	589	543	8 40	46	15 50	944	932	4 0	12	39	·52	0	83·7
8	23 50	1045	1013	11 40	32	13 50	583	550	8 47	33	16 15	942	928	10 50	14	23	·31	0	83·7
9	19 14	1088	1004	10 15	84	11 38	604	523	19 10	81	18 50	958	916	11 15	**42**	154	2·09	1	83·7
10	21 55	1078	1000	12 44	78	14 5	591	**517**	16 35	74	16 42	**961**	920	2 10	41	132	1·80	1	83·6
11	21 0	1052	1007	11 55	45	13 1	591	532	0 10	59	16 40	941	921	4 30	20	59	·80	1	83·5
12	19 47	1048	1003	12 14	45	13 10	584	539	8 10	45	16 5	945	930	11 0	15	43	·58	0	83·6
13	22 59	1052	1008	13 0	44	13 48	584	535	21 48	49	22 3	943	927	11 35	16	46	·62	0	83·5
14	21 9	1054	1007	11 30	47	13 40	585	538	1 35	47	15 15	945	930	11 40	15	46	·63	0	83·5
15	21 5	**1092**	**952**	11 50	~~40~~ 140	14 0	**615**	**517**	21 30	**98**	14 45	959	925	10 55	34	304	4·12	1	83·6
16	18 30	1043	993	11 55	50	13 32	589	538	7 0	51	16 10	946	932	11 37	14	53	·72	1	83·5
17	22 22	1062	994	11 50	68	13 14	580	539	8 55	41	20 30	944	926	11 30	18	66	·90	0	83·5
18	22 38	1041	994	12 4	47	13 40	584	539	9 5	45	17 0	943	931	11 50	12	44	·60	0	83·5
19	22 10	1054	997	13 28	57	15 10	589	531	9 10	58	17 45	943	927	12 40	16	69	·93	1	83·5
20	18 0	1063	994	12 25	69	14 0	597	534	23 25	63	22 15	948	920	13 0	28	95	1·29	1	83·5
21	0 22 / 22 52	1048	1008	12 0	40	13 18	583	536	0 38	47	0 1	944	927	12 20	17	41	·56	0	83·5
22	1 45	1052	992	12 29	60	13 30	595	531	9 5	64	18 0	944	918	12 0	26	84	1·14	0	83·4
23	6 19	1057	990	11 43	67	13 33	603	543	8 50	60	16 20	948	925	6 20	23	86	1·17	1	83·3
24	18 2	1062	1007	11 20	55	15 25	598	527	9 5	71	0 12	938	921	12 20	17	84	1·13	1	83·3
25	21 50	1045	1007	12 39	38	13 40	585	527	9 30	58	17 0	938	**912**	11 42	26	55	·75	0	83·5
26	3 35	1050	1006	11 30	44	13 35	597	531	9 18	66	0 40	938	915	11 22	23	68	93	1	83·4
27	21 36	1059	1001	11 2	58	14 31	604	**517**	21 23	87	18 23	953	917	12 41	36	122	1·66	1	83·3
28	20 42	1048	1008	11 35	40	14 5	585	537	9 11	48	3 0	938	920	12 11	18	42	·57	0	83·4
29	23 50	1048	998	12 22	50	15 12	603	532	8 51	71	17 50	953	918	12 31	35	88	1·19	1	83·4
30	23 35	1053	999	12 18	54	14 20	584	531	0 12	53	0 22	940	920	12 28	20	61	·83	0	83·3
31	5 48 / 18 39	1048	1008	11 50	40	14 9	580	539	9 16	41	17 40	936	919	13 0	17	36	·49	0	83·2
Mean	—	1055	1000	—	55	—	591	534	—	57	—	946	924	—	22	74	—	0·48	83·5
No. of Days used	—	30	30	—	30	—	31	31	—	31	—	31	31	—	31	30	—	31	31

§ For explanation *see* page 107. Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

226. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **April, 1925.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1046	1049	1047	1049	1048	1047	1044	1045	1043	1037	1013	1013	1018	1020	1016	1026	1038	1038	1038	1046	1037	1041	1046	1045	1051	1037
2	1051	1048	1049	1051	1052	1053	1048	1045	1043	1032	1025	1021	1020	1022	1014	1025	1026	1031	1042	1043	1046	1047	1056	1043	1037	1039
3 D	1037	1042	1048	1043	1052	1057	1052	1053	1038	1021	1008	985	988	986	1019	1002	1022	1031	1027	1032	1030	1032	1037	1037	1033	1028
4 Q	1033	1033	1032	1032	1032	1033	1037	1037	1032	1022	1012	1007	1004	1011	1019	1028	1032	1033	1037	1038	1041	1048	1048	1050	1053	1031
5	1053	1054	1052	1053	1047	1047	1055	1051	1045	1033	998	997	1002	1007	998	1012	1019	1031	1035	1041	1034	1037	1043	1037	1040	1032
6	1040	1038	1040	1039	1040	1042	1042	1042	1034	1024	1014	1013	1007	1006	1021	1032	1029	1032	1042	1052	1042	1047	1062	1048	1043	1035
7	1043	1037	1043	1029	1034	1036	1042	1041	1012	1013	1007	1002	999	1008	1021	1032	1042	1042	1046	1044	1057	1037	1043	1051	1032	1031
8	1032	1028	1022	1041	1039	1041	1042	1041	1026	1012	1003	1002	1007	1014	1022	1028	1034	1037	1040	1044	1043	1051	1046	1040	1043	1031
9 D	1043	1042	1033	1031	1036	1024	1040	1047	1038	1018	1007	998	997	1009	1017	1029	1033	1036	1053	1053	1044	1073	1057	1062	1054	1034
10 D	1054	1027	1029	997	1032	1034	1037	1030	1018	1007	998	994	987	1001	1017	1027	1030	1032	1039	1049	1059	1051	1040	1042	1045	**1026**
11	1045	1042	1037	1022	1038	1032	1042	1045	1040	1029	1004	983	983	1008	1016	1024	1033	1040	1046	1043	1051	1051	1041	1046	1036	1031
12	1036	1041	1043	1044	1037	1026	1042	1047	1037	1026	1005	988	985	1001	1013	1019	1047	1048	1046	1042	1036	1034	1037	1033	1033	1030
13	1033	1037	1037	1037	1038	1038	1042	1040	1032	1010	1002	994	1002	1007	1020	1031	1039	1042	1046	1046	1047	1047	1042	1041	1037	1031
14	1037	1036	1032	1036	1038	1040	1042	1038	1028	1012	992	992	999	1013	1028	1039	1044	1045	1043	1046	1046	1044	1042	1041	1045	1032
15 D	1044	1038	1041	1042	1046	1042	1044	1043	1031	1016	1006	1002	1003	1007	1021	1033	1052	1055	1061	1047	1047	1042	1031	1029	1031	1034
16	1031	1031	1032	1032	1040	1045	1044	1041	1031	1020	987	987	996	998	1006	1023	1038	1039	1041	1042	1046	1045	1038	1040	1040	1028
17 Q	1040	1035	1032	1033	1036	1041	1045	1046	1041	1027	1012	1007	1003	1007	1012	1025	1026	1031	1041	1051	1048	1046	1044	1042	1042	1032
18	1042	1036	1033	1037	1036	1041	1045	1047	1045	1032	1016	1011	1006	1003	1016	1026	1036	1040	1047	1050	1046	1052	1044	1041	1041	1034
19 Q	1041	1041	1037	1036	1038	1041	1046	1051	1046	1032	1022	1010	1004	1007	1017	1030	1036	1045	1051	1051	1051	1051	1055	1057	1054	1038
20 D	1054	1055	1049	1048	1051	1052	1056	1053	1043	1027	1016	1007	978	997	1019	1034	1031	1031	1036	1052	1055	1061	1046	1045	1042	1037
21	1042	1043	1026	1037	1037	1041	1041	1036	1032	1021	1007	998	997	1008	1020	1026	1036	1046	1047	1044	1041	1043	1046	1043	1041	1032
22	1041	1041	1038	1038	1041	1040	1045	1040	1030	1016	993	992	997	1006	1014	1031	1041	1052	1059	1060	1048	1050	1051	1051	1051	1034
23	1052	1052	1049	1051	1049	1047	1045	1037	1031	1022	1008	1005	1005	1016	1027	1033	1042	1048	1052	1052	1051	1051	1047	1048	1047	1038
24 Q	1047	1046	1045	1047	1047	1046	1047	1043	1037	1022	1008	1009	1015	1023	1034	1042	1052	1048	1053	1054	1052	1048	1049	1048	1050	1040
25 Q	1050	1050	1046	1044	1043	1046	1043	1042	1033	1026	1017	1016	1017	1027	1036	1044	1053	1057	1057	1056	1057	1057	1058	1059	1057	**1043**
26	1057	1052	1052	1049	1048	1048	1047	1043	1038	1027	1012	1012	1016	1027	1042	1038	1044	1049	1055	1051	1048	1046	1048	1048	1048	1041
27	1048	1047	1046	1043	1043	1045	1047	1051	1048	1037	1019	1009	1008	1009	1019	1051	1058	1063	1049	1053	1052	1048	1051	1048	1048	1041
28	1048	1047	1045	1046	1045	1047	1047	1047	1041	1027	1018	1013	1017	1022	1032	1042	1047	1056	1057	1060	1052	1048	1045	1042	1042	1041
29	1042	1056	1056	1057	1058	1062	1053	1048	1046	1031	1017	1014	1017	1013	1014	1022	1033	1047	1054	1057	1058	1057	1058	1057	1048	1043
30	1048	1047	1047	1047	1045	1052	1051	1044	1042	1038	1027	1019	1014	1019	1022	1023	1030	1039	1052	1051	1047	1043	1043	1051	1043	1039
Mean †	1044	1043	1041	1040	1043	1043	1045	1044	1036	1023	1009	**1003**	**1003**	1010	1020	1029	1038	1043	1047	**1048**	1047	1047	1047	1046	1044	1035

TERRESTRIAL MAGNETIC FORCE; WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

227. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **April, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	559	558	553	555	555	553	551	557	541	538	545	565	573	583	584	577	577	571	565	564	555	559	563	561	558	561
2	558	557	557	557	554	551	551	551	540	539	550	565	571	591	590	584	577	567	564	562	558	559	545	543	549	560
3 D	549	565	558	540	544	545	557	557	553	549	557	564	592	596	605	589	589	571	567	549	557	559	559	559	557	**564**
4 Q	557	552	551	551	551	550	546	538	532	533	540	551	563	573	575	572	566	566	563	564	559	565	564	561	559	556
5	559	558	550	553	547	551	551	545	539	539	537	555	565	590	590	588	575	570	558	558	552	546	551	551	563	558
6	563	552	557	555	555	555	552	545	537	533	546	563	580	593	591	593	573	571	544	559	563	559	557	533	539	559
7	539	564	531	546	561	547	551	538	537	535	543	555	571	577	573	565	558	553	555	551	552	551	552	549	540	552
8	540	553	577	545	540	545	544	534	531	535	546	559	571	581	582	573	571	564	560	561	551	549	555	553	559	555
9 D	559	565	565	559	543	553	545	538	531	527	542	557	570	583	579	578	573	567	559	555	552	551	544	553	525	555
10 D	525	551	531	534	552	549	542	538	533	531	533	544	563	576	585	583	572	566	564	559	526	539	537	564	536	550
11	536	538	539	571	567	545	541	533	526	526	539	552	561	573	582	577	572	569	564	551	549	539	545	557	551	553
12	551	545	559	553	543	557	553	538	525	516	520	539	571	592	598	589	573	563	558	534	540	538	543	544	553	552
13	553	565	552	551	551	551	551	539	530	524	539	551	571	585	585	576	569	560	557	551	551	557	554	553	553	555
14	553	555	557	559	552	551	543	532	524	522	532	549	565	573	578	573	564	557	553	557	557	559	547	547	545	552
15 D	544	544	544	546	539	542	537	531	525	524	537	550	566	578	583	580	582	582	571	557	557	530	513	540	550	550
16	550	573	550	538	536	537	542	538	532	537	536	552	565	579	581	572	567	557	551	551	556	557	556	550	550	553
17 Q	550	546	544	543	544	544	544	537	531	531	542	552	562	570	572	572	565	563	558	557	557	557	557	556	551	552
18	551	547	550	544	537	537	538	532	526	523	526	538	556	569	574	574	565	558	557	556	550	554	543	550	550	**548**
19 Q	550	550	546	544	544	543	537	532	526	524	524	537	552	564	570	569	564	563	558	558	556	557	558	558	559	550
20 D	559	556	556	552	547	539	533	524	520	521	538	564	577	589	585	590	584	571	554	550	546	512	544	546	547	552
21	547	557	564	562	544	541	537	530	524	524	531	545	567	578	578	566	564	559	552	552	550	551	550	550	551	551
22	551	551	550	549	545	544	542	531	524	523	530	548	568	583	583	577	568	558	558	559	549	559	557	557	557	553
23	557	556	556	556	550	545	542	536	532	532	544	558	573	578	576	564	552	550	550	550	552	554	552	550	550	553
24 Q	550	550	550	550	547	542	537	530	523	523	536	547	559	566	569	564	562	557	557	556	556	556	552	557	554	550
25 Q	554	551	550	550	548	544	537	532	529	525	532	548	559	570	575	571	569	563	562	564	564	564	562	562	557	554
26	557	555	550	546	546	544	541	536	526	524	529	542	560	575	589	581	570	570	569	560	557	556	551	551	557	554
27	557	550	550	549	545	543	538	537	536	534	536	538	552	565	571	583	582	579	570	557	562	558	557	552	552	554
28	552	549	546	550	545	542	537	531	530	532	544	550	562	570	572	572	570	566	563	560	559	555	550	546	540	552
29	540	513	524	531	538	544	550	550	537	538	542	544	556	564	570	570	570	570	565	558	556	556	556	546	550	550
30	550	550	550	550	556	557	544	543	538	536	542	551	565	577	574	566	559	558	557	552	551	551	552	550	549	553
Mean †	551	553	551	550	548	547	544	538	531	**530**	538	552	567	579	**581**	577	570	565	560	556	553	552	551	552	550	554

† Mean of 28 days; 17th and 18th omitted.
Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

(?)5)B 1925 04301BB440

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

228. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **April, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	933	933	933	933	933	933	933	933	933	928	923	921	921	923	929	933	937	941	941	941	945	945	942	938	934	934
2	934	934	933	933	933	933	933	933	932	932	922	915	912	913	917	926	933	942	942	938	937	937	936	933	933	931
3 D	934	929	919	917	915	915	917	919	922	925	925	923	918	922	930	942	953	967	972	975	963	954	946	942	942	935
4 Q	942	942	941	939	939	939	940	940	939	937	934	929	925	929	933	935	935	935	934	934	937	934	937	937	935	936
5	935	934	934	930	929	929	929	932	933	930	930	929	923	934	939	943	948	946	943	943	943	946	941	938	934	936
6	935	935	935	935	935	935	936	939	939	935	932	923	919	925	934	943	947	951	955	951	947	947	931	931	931	937
7	932	929	931	931	924	917	921	926	927	924	924	924	924	927	932	940	944	945	944	946	940	940	940	933	932	932
8	932	932	919	922	931	935	936	940	941	939	933	930	927	927	932	937	940	944	944	941	944	943	940	940	940	936
9 D	941	933	926	925	928	928	929	932	933	934	929	929	929	929	933	938	939	940	942	945	945	937	917	908	910	931
10 D	911	896	882	870	884	907	921	931	935	936	938	934	923	924	930	938	946	947	946	943	947	939	938	921	915	**925**
11	915	923	926	919	916	926	930	935	936	933	930	930	933	933	934	934	937	940	946	951	947	945	938	934	931	933
12	932	934	932	922	926	927	928	935	939	942	938	931	924	927	935	942	950	955	956	963	955	951	946	943	940	939
13	941	937	939	941	943	941	943	945	944	940	940	936	935	931	936	941	945	945	947	947	945	942	940	940	940	941
14	940	940	940	939	940	941	944	947	945	940	935	932	928	931	933	940	944	944	944	942	942	941	942	941	940	940
15 D	941	941	941	941	941	941	941	941	941	936	928	924	919	916	923	929	936	944	956	966	953	943	949	941	937	939
16	938	926	933	938	942	942	942	942	940	934	933	934	933	933	934	938	942	946	947	946	946	946	946	946	946	940
17 Q	947	947	947	947	946	944	944	948	947	943	938	932	927	930	*	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	*	940	936	935	932	938	944	948	951	952	953	956	949	949	948	948	—
19 Q	949	949	949	949	947	946	945	945	944	937	933	932	930	933	937	938	941	944	945	945	945	945	945	945	944	942
20 D	945	938	937	933	933	935	939	941	942	941	937	930	937	931	937	942	954	970	971	967	960	957	947	947	949	945
21	949	946	943	933	938	942	943	946	946	942	942	937	930	931	938	946	949	950	954	954	954	950	949	946	946	944
22	947	947	947	947	947	947	947	947	946	942	939	934	927	927	936	946	951	952	952	951	955	950	947	946	946	945
23	946	946	945	944	944	946	944	943	942	939	930	923	922	927	939	946	947	948	948	947	947	946	946	946	946	942
24 Q	947	948	948	948	948	948	945	944	943	937	935	930	928	931	936	940	946	947	947	947	946	947	947	946	944	943
25 Q	944	944	945	947	947	947	947	945	944	940	935	931	928	927	931	936	940	940	942	943	941	940	943	943	944	940
26	945	945	945	945	946	945	945	945	944	940	936	933	929	932	936	946	951	949	949	949	949	949	948	948	947	944
27	948	946	947	949	949	950	947	945	943	942	938	933	930	930	937	938	946	957	971	971	961	955	954	951	950	947
28	950	950	950	950	950	953	951	950	947	942	937	934	933	935	938	945	949	951	954	954	954	950	950	950	950	947
29	951	947	939	934	931	922	922	922	921	923	927	930	927	929	937	940	943	947	948	951	951	951	950	946	947	937
30	947	947	947	947	948	947	947	947	946	944	939	938	931	934	943	952	952	956	959	959	959	955	955	952	951	**948**
Mean †	939	938	936	934	935	936	937	939	939	936	933	930	**927**	928	934	940	944	948	950	**950**	949	946	943	940	939	939

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

229. Eskdalemuir. **April, 1925.**

Day.	Terrestrial Magnetic Force.															Character Figures.§		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +·
	North Component.					West Component.					Vertical Component.								
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	ΣR²	ρ		
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	100 γ²			a.
1	18 42	1057	1006	14 20	51	13 58	592	532	8 39	60	20 54	948	920	11 30	28	70	·59	1	83·2
2	16 41	1065	1008	14 23	57	13 13	597	531	8 42	66	17 28	945	911	11 53	34	88	·74	1	83·2
3	4 32	1063	973	12 55	90	14 4	**618**	539	3 5	79	18 40	977	913	4 22	64	184	1·55	1	83·2
4	20 43	1057	1003	11 25	54	13 59	578	531	8 23	**47**	0 1	942	924	12 15	**18**	54	·46	0	83·3
5	22 16	1062	983	10 31	79	13 10	600	531	9 35	69	17 16	950	922	12 30	28	118	·99	1	83·3
6	21 32	1106	997	12 45	109	13 18	598	519	18 15	79	18 20	956	918	12 0	38	196	1·64	1	83·3
7	19 50	1076	997	11 53	79	13 31	580	525	2 3	55	19 1	948	915	5 2	33	104	·87	1	83·3
8	21 8	1056	994	10 41	62	1 46	597	527	7 39	70	20 0	945	912	2 10	33	98	·83	1	83·3
9	21 2	**1111**	983	11 31	**128**	13 21	590	522	9 1	68	18 36	946	907	23 18	39	225	1·89	1	83·3
10	20 40	1075	968	2 53	107	23 2	598	511	1 55	87	16 32	950	**863**	2 53	**87**	266	2·23	1	83·3
11	20 36	1058	966	11 33	92	14 8	584	524	8 39 } 20 29 }	60	19 17	952	913	3 38	39	136	1·14	1	83·2
12	16 22	1061	979	11 55	82	13 48	604	504	8 51	100	18 50	964	922	2 51	42	185	1·55	1	83·2
13	17 28	1053	993	11 11	60	13 35	590	522	8 48	68	18 40	948	930	13 1	**18**	85	·72	0	83·2
14	19 19	1052	989	10 44	63	13 53	581	518	8 37	63	7 10	948	928	12 13	20	83	·70	0	83·2
15	20 40	1081	1001	11 56	80	19 41	602	505	22 9	97	19 0	966	915	12 40	51	184	1·55	1	83·1
16	20 11	1058	979	10 18	79	13 15	591	530	8 20	61	17 31	947	924	1 15	23	105	·88	1	83·1
17	20 2	1052	992	11 48	60	13 54	576	528	9 0	48	—	—	—	12 30	—	—	—	0	83·1
18	20 57	1080	999	12 30	81	14 20	577	523	8 50	54	19 40	956	930	12 1	26	102	·85	0	83·1
19	21 58	1060	1002	12 30	58	13 49	570	523	9 6	**47**	0 1	949	929	11 49	20	60	·52	0	83·1
20	20 58	1074	**952**	12 15	122	12 46	609	**491**	20 45	**118**	17 30	972	929	12 48	43	307	2·58	1	83·0
21	22 15	1056	997	10 41	59	13 28	583	523	7 45	60	19 30	955	929	12 2	26	78	·65	1	82·9
22	17 49	1061	987	10 49	74	13 17	587	518	8 32	69	20 0	955	926	12 31	29	111	·93	0	82·9
23	0 12 } 19 20 }	1056	998	12 2	58	13 23	583	524	7 50	59	17 10	949	921	11 21	28	76	·64	0	82·9
24	16 6	1062	1006	10 20	56	13 48	570	518	8 21	52	16 33	948	927	11 45	21	63	·53	0	82·9
25	23 59	1063	1012	10 48	51	14 3	576	523	8 32	53	5 50	948	927	12 51	21	59	·49	0	83·0
26	0 1	1063	1008	10 35	55	14 12	592	524	8 47	68	15 53	952	929	12 2	23	82	·69	1	83·1
27	18 40	1073	1007	12 38	66	15 0	597	532	9 2	65	18 32	**978**	929	12 20	49	110	·92	1	83·0
28	19 20	1063	1005	11 32	58	14 50	578	525	7 9	53	18 50	955	933	11 53	22	67	·56	0	83·0
29	4 51	1069	1007	13 26	62	15 0	577	504	1 0	73	20 5	952	919	7 24	33	103	·86	1	82·9
30	22 50	1057	1008	13 32	**49**	13 16	583	534	8 53	49	18 50	959	931	12 31	28	56	·47	0	83·0
Mean.	—	1066	993	—	73	—	589	522	—	67	—	954	921	—	33	119	—	0·60	83·1
No. of Days used.	—	30	30	—	30	—	30	30	—	30	—	29	29	—	29	29	—	30	30

§ For explanation *see* page 107.

† Mean of 28 days; 17th and 18th omitted. * Lamp out of position.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

230. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **May, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1043	1042	1042	1042	1040	1042	1042	1041	1028	1022	1017	1017	1017	1017	1024	1037	1042	1048	1053	1053	1052	1047	1043	1043	1042	1037
2 Q	1042	1042	1042	1042	1042	1042	1038	1037	1032	1027	1017	1013	1017	1023	1028	1030	1032	1041	1049	1057	1058	1057	1053	1052	1052	1038
3	1053	1053	1049	1048	1048	1048	1047	1047	1043	1034	1023	1023	1028	1033	1037	1041	1048	1054	1057	1061	1058	1058	1058	1074	1078	1047
4 D	1078	1073	1051	1059	1056	1060	1038	994	1055	1004	979	964	1008	1019	1023	1034	998	1030	1049	1039	1034	1028	1028	1028	1034	1029
5 D	1034	1023	1002	1031	1025	1009	1023	1018	1006	1014	988	996	1000	999	1017	1020	1040	1057	1058	1058	1055	1047	1038	1033	1035	**1025**
6	1035	1043	1029	1032	1028	1033	1030	1025	1017	1012	1008	1009	1013	1019	1022	1027	1031	1043	1049	1054	1052	1053	1043	1042	1040	1031
7	1040	1035	1038	1034	1035	1037	1037	1038	1034	1023	1010	1009	1004	1016	1023	1037	1043	1050	1059	1061	1058	1052	1049	1048	1054	1037
8	1055	1050	1058	1033	1030	1035	1027	1026	1029	1024	1015	1014	1022	1016	1029	1038	1043	1050	1057	1054	1052	1052	1050	1050	1049	1038
9	1049	1047	1051	1046	1044	1045	1044	1043	1030	1020	1009	1006	1009	1010	1024	1034	1049	1054	1071	1073	1048	1044	1044	1037	1039	1039
10	1039	1039	1039	1039	1039	1039	1037	1031	1024	1015	1007	1004	1009	1013	1025	1028	1037	1043	1048	1054	1057	1048	1043	1038	1037	1033
11	1037	1034	1033	1033	1035	1038	1041	1039	1033	1023	1014	1004	1000	1005	1014	1024	1038	1048	1052	1054	1053	1046	1044	1044	1042	1033
12 Q	1043	1039	1038	1040	1040	1040	1040	1037	1034	1025	1016	1010	1002	1006	1015	1026	1039	1051	1059	1057	1052	1049	1045	1044	1041	1035
13	1041	1040	1040	1040	1040	1040	1041	1040	1035	1029	1014	1005	1003	1014	1027	1046	1049	1052	1056	1056	1051	1041	1040	1040	1040	1037
14 Q	1040	1042	1041	1043	1045	1045	1045	1040	1034	1029	1020	1015	1016	1022	1026	1037	1046	1054	1054	1056	1055	1052	1050	1049	1045	1040
15 Q	1045	1045	1045	1046	1050	1050	1045	1040	1034	1030	1021	1020	1017	1025	1034	1041	1049	1055	1060	1060	1057	1055	1055	1052	1050	1043
16 Q	1050	1050	1048	1046	1045	1045	1045	1040	1037	1036	1034	1028	1026	1027	1030	1036	1048	1055	1061	1055	1055	1055	1053	1052	1053	1044
17	1054	1053	1056	1055	1055	1051	1046	1042	1043	1041	1037	1037	1034	1035	1036	1039	1043	1056	1061	1062	1061	1062	1061	1061	1058	1049
18	1058	1056	1056	1054	1061	1067	1066	1058	1047	1036	1031	1026	1032	1033	1040	1054	1062	1067	1069	1063	1062	1062	1062	1047	1048	**1053**
19	1048	1047	1051	1043	1052	1060	1059	1046	1043	1042	1030	1023	1021	1024	1022	1027	1049	1056	1064	1063	1057	1049	1046	1045	1042	1044
20	1042	1041	1041	1041	1041	1042	1041	1036	1030	1022	1024	1021	1026	1035	1036	1042	1052	1055	1060	1061	1061	1061	1057	1055	1050	1043
21	1051	1050	1051	1053	1052	1052	1049	1043	1032	1028	1023	1021	1021	1025	1031	1040	1048	1061	1071	1070	1071	1069	1064	1061	1059	1048
22	1059	1058	1060	1054	1060	1059	1057	1050	1046	1040	1028	1028	1033	1029	1036	1043	1055	1067	1074	1073	1064	1061	1058	1056	1053	1052
23	1053	1053	1053	1053	1054	1053	1052	1048	1038	1025	1014	1007	1008	1016	1027	1035	1047	1059	1071	1067	1062	1062	1065	1057	1053	1045
24	1053	1053	1052	1053	1057	1059	1057	1049	1042	1036	1031	1025	1021	1024	1034	1038	1052	1066	1072	1074	1074	1067	1059	1057	1049	1050
25	1050	1053	1058	1055	1054	1043	1058	1056	1049	1042	1029	1022	1029	1031	1039	1048	1054	1068	1068	1065	1057	1053	1053	1053	1054	1050
26	1054	1050	1049	1049	1049	1053	1050	1047	1043	1035	1027	1029	1023	1023	1036	1044	1065	1073	1080	1078	1071	1059	1062	1058	1054	1050
27	1054	1054	1057	1056	1058	1063	1059	1053	1049	1043	1037	1032	1030	1045	1058	1059	1056	1069	1059	1068	1063	1052	1046	1040	1034	1052
28 D	1034	1043	1044	1048	1063	1049	1045	1034	1033	1034	1024	1017	1008	1015	1029	1039	1050	1068	1058	1061	1052	1048	1048	1052	1049	1042
29	1049	1044	1043	1044	1044	1045	1047	1043	1033	1018	1004	1009	1018	1024	1034	1047	1054	1066	1076	1068	1060	1058	1064	1071	1055	1044
30 D	1056	1064	1050	1060	1056	1056	1061	1058	1040	1025	1011	1013	1012	1009	1025	1049	1065	1094	1084	1093	1070	1068	1063	1039	1039	1051
31 D	1039	1059	1035	1044	1036	1000	995	996	1019	1010	1004	1009	1004	1015	1025	1033	1030	1069	1078	1069	1059	1051	1049	1049	1031	1032
Mean	1048	1048	1045	1046	1046	1045	1044	1039	1035	1027	1018	**1015**	1016	1021	1029	1038	1046	1057	**1062**	**1062**	1058	1054	1051	1049	1047	1042

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

231. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **May, 1925.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	549	550	550	547	544	544	537	532	531	539	546	557	568	572	566	563	558	556	556	551	548	552	556	553	551	551
2 Q	551	550	550	548	544	539	537	530	524	523	530	545	562	569	567	563	562	558	557	558	558	559	558	557	556	550
3	556	554	550	549	545	544	540	535	531	532	538	550	566	575	574	570	570	570	566	564	563	561	558	563	550	555
4 D	550	516	525	544	530	524	530	571	582	556	566	591	590	585	590	582	554	568	537	526	530	540	557	540	544	553
5 D	544	530	544	536	523	532	538	530	528	538	536	545	564	569	563	560	557	550	554	549	544	538	544	562	556	545
6	556	549	543	548	544	537	530	525	525	532	544	557	569	571	566	564	557	558	558	556	549	542	550	550	550	549
7	550	556	552	548	543	538	536	530	526	530	540	558	571	575	572	572	566	562	548	551	546	544	538	535	559	550
8	559	550	538	530	544	531	530	528	525	534	550	561	577	583	582	578	576	570	563	549	546	550	546	550	545	552
9	545	569	556	550	549	542	542	532	526	530	539	556	575	589	597	591	585	578	576	532	544	552	551	557	549	**557**
10	549	550	546	550	544	543	532	524	518	519	530	544	563	574	576	569	564	559	552	550	544	545	545	544	544	547
11	544	544	545	550	544	537	530	523	515	517	525	539	556	563	564	562	558	557	556	552	546	546	550	550	550	545
12 Q	550	547	545	544	543	536	530	530	526	525	530	538	550	564	570	570	564	558	556	552	550	550	550	549	545	547
13	545	544	544	544	543	538	537	535	530	529	537	545	560	570	572	573	564	564	562	558	556	550	551	550	550	550
14 Q	550	549	544	540	537	531	530	526	524	523	524	534	548	558	564	560	559	561	558	558	557	557	556	552	550	546
15 Q	550	550	547	545	543	536	532	530	531	536	545	557	563	567	567	566	564	564	563	563	558	557	556	554	550	552
16 Q	550	546	544	540	544	538	536	532	532	537	543	549	556	563	564	564	564	563	562	557	557	552	556	555	554	550
17	554	550	550	550	545	538	533	532	532	532	545	557	564	570	570	564	560	562	560	558	557	558	557	557	552	552
18	552	551	556	563	532	532	528	524	517	535	550	552	571	577	571	570	569	564	558	552	556	550	544	532	532	550
19	532	529	557	526	544	537	531	538	539	541	540	550	564	570	576	568	571	564	557	551	550	550	545	548	544	549
20	544	543	543	543	532	530	526	523	521	524	537	550	562	570	574	572	571	565	564	558	557	546	547	548	546	548
21	546	544	542	540	539	533	526	519	507	523	532	550	564	578	577	576	571	565	552	556	560	565	559	557	557	550
22	557	556	550	556	538	535	525	526	529	536	545	551	572	583	577	576	571	570	564	563	558	557	556	552	550	554
23	550	550	549	546	542	532	524	517	517	524	536	554	564	578	588	582	572	570	566	560	557	557	562	548	543	552
24	543	550	545	544	542	535	526	523	524	536	544	557	571	577	577	572	570	566	564	563	558	557	548	540	533	551
25	533	549	556	549	546	558	544	536	530	536	543	552	562	568	574	571	569	564	558	558	553	550	551	554	556	553
26	556	550	547	545	545	538	536	531	530	537	544	566	571	576	576	572	572	569	564	561	558	550	556	555	550	554
27	550	546	544	542	538	534	531	529	525	524	530	538	551	564	569	572	584	596	572	574	551	539	532	530	503	548
28 D	503	464	505	524	497	530	519	530	526	529	531	538	549	561	572	570	566	568	557	545	550	549	550	550	550	**538**
29	550	545	544	544	544	549	543	530	518	516	523	530	544	556	566	572	572	578	576	565	559	557	557	545	537	549
30 D	537	543	517	542	530	525	517	516	508	509	523	544	576	591	597	594	591	594	542	544	556	557	560	559	564	549
31 D	564	516	535	538	535	543	543	532	525	519	525	540	552	561	570	570	559	562	565	558	557	569	563	550	550	548
Mean	547	543	544	544	539	537	532	530	**527**	530	538	550	564	572	**574**	571	567	566	559	555	553	552	552	550	547	550

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

232. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **May, 1925.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	952	953	953	953	954	954	956	956	953	948	944	941	937	938	944	948	952	956	960	960	960	956	956	953	953	952
2 Q	953	953	953	953	953	956	956	956	952	948	940	939	936	938	940	942	945	952	952	952	952	952	952	952	952	949
3	952	952	952	952	952	952	953	953	952	948	943	936	931	933	939	941	943	948	948	952	952	952	952	949	948	947
4 D	949	944	947	945	941	944	945	936	909	919	925	924	934	949	965	998	1027	996	1007	996	985	965	933	925	933	954
5 D	933	932	907	927	937	937	942	945	950	949	948	945	944	949	958	960	964	965	964	964	966	963	958	945	945	948
6	945	945	949	949	949	952	957	957	954	953	953	946	945	946	954	958	958	961	962	965	968	965	961	961	961	955
7	962	959	958	958	958	958	958	958	955	950	950	947	938	939	947	953	955	958	964	963	963	963	960	956	937	955
8	937	929	930	938	946	950	954	955	951	943	933	933	930	937	946	950	954	955	959	966	964	963	962	959	955	948
9	955	953	943	947	950	953	955	958	958	954	954	949	938	943	950	958	966	970	978	987	976	967	963	955	955	957
10	955	958	960	962	962	963	962	962	962	960	954	950	947	950	958	964	965	964	966	966	966	963	962	962	960	**960**
11	960	958	959	959	959	960	960	959	953	950	944	942	942	948	951	954	958	962	964	966	966	963	962	959	959	957
12 Q	959	959	962	962	963	963	963	962	958	951	949	944	942	949	958	959	963	965	963	965	965	963	962	961	960	959
13	960	960	960	961	962	962	962	962	960	956	950	945	939	943	950	951	958	960	964	967	967	967	963	963	963	958
14 Q	963	960	960	962	963	963	962	963	958	950	947	946	946	946	953	956	958	958	958	959	961	962	960	960	960	957
15 Q	960	960	960	960	961	962	959	958	955	950	944	934	926	933	943	950	957	960	963	963	963	962	960	959	959	954
16 Q	959	958	958	958	959	959	962	960	956	954	945	937	937	946	950	953	955	960	962	962	961	959	958	958	958	955
17	958	958	958	958	958	959	958	958	955	951	946	935	929	933	940	946	950	954	954	955	955	955	958	958	958	952
18	957	957	957	952	953	953	953	953	953	950	944	940	936	937	944	950	958	967	969	970	967	967	964	958	950	954
19	950	945	932	929	937	937	936	937	934	937	944	946	950	959	969	974	974	975	979	981	975	971	969	966	965	955
20	964	962	961	961	961	960	956	953	949	948	949	948	948	953	957	957	959	960	961	961	964	964	962	961	961	957
21	961	961	960	960	960	960	961	961	961	953	941	938	940	945	949	956	962	965	968	966	963	961	961	961	961	957
22	961	960	960	958	957	960	960	959	956	953	952	949	948	955	962	965	966	968	969	969	965	964	961	961	960	960
23	959	960	960	960	960	963	961	961	960	956	947	939	935	938	942	947	957	963	964	967	965	963	960	960	960	956
24	959	957	958	959	959	959	959	959	958	955	946	938	938	938	942	946	952	957	959	959	959	959	959	955	951	954
25	951	951	953	954	954	951	941	942	944	943	943	945	946	947	951	954	958	962	965	966	964	962	959	959	958	953
26	957	957	958	958	961	961	959	957	955	953	941	940	940	943	945	952	961	968	972	976	975	970	963	959	958	958
27	957	957	957	957	960	957	953	952	948	944	945	940	936	937	945	954	964	973	986	987	983	974	966	956	927	957
28 D	927	895	903	895	868	902	924	937	944	949	944	942	941	945	954	961	964	969	974	977	974	969	964	961	953	**941**
29	952	952	956	959	960	959	960	964	967	965	960	952	946	948	951	955	959	961	963	964	961	960	957	956	952	958
30 D	951	926	930	922	937	946	950	955	955	950	945	939	934	937	942	947	959	970	995	993	984	975	968	951	900	951
31 D	899	903	916	929	937	925	925	941	945	945	945	945	946	954	961	966	974	982	979	979	974	963	954	958	954	949
Mean	952	949	949	950	951	953	954	954	952	950	946	942	**940**	944	950	956	961	964	967	**968**	967	963	960	957	952	954

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

233. Eskdalemuir. **May, 1925.**

Day.	Terrestrial Magnetic Force. North Component. Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	West Component. Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Vertical Component. Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	Character Figures.§ ΣR²	ρ	Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	100γ²			a.
1	18 10	1060	1012	10 46	48	13 0	574	530	7 34	44	20 0	961	946	12 13	25	49	·37	0	83·1
2	19 20	1062	1012	11 15	50	13 0	570	523	9 10	47	5 30	956	936	12 30	20	51	·39	0	83·1
3	22 32	1087	1021	10 30	66	14 28	578	530	8 22	48	6 40	954	928	12 25	26	73	·56	1	83·2
4	0 46	1088	**949**	10 45	139	14 4	**610**	505	1 23	105	15 57	**1038**	907	7 53	**131**	475	3·60	2	83·1
5	17 0	1067	975	10 10	92	13 40	573	510	3 52	63	19 40	966	899	2 0	67	169	1·28	1	83·1
6	20 40	1063	1004	10 21	59	13 6	576	523	6 52	53	19 55	969	944	2 10 / 12 29	25	69	·52	0	83·2
7	18 16	1068	999	12 13	69	12 42	578	523	7 50	55	18 20	966	937	24 0	29	86	·65	1	83·2
8	0 5	1068	1009	10 38	59	13 22	589	523	7 45	66	19 0	966	929	0 59	37	92	·70	1	83·2
9	17 38	1089	997	11 10	92	13 49	605	523	8 0 / 18 41	82	18 55	990	938	12 11	52	179	1·36	1	83·2
10	20 17	1059	1001	11 37	58	14 0	577	517	8 23	60	18 50	967	946	11 40	21	74	·56	0	83·2
11	19 42	1055	1000	12 5	55	13 29	564	513	8 26	51	19 55	966	941	11 50	25	63	·47	0	83·2
12	18 15	1060	1001	12 21	59	18 50	571	524	8 29	47	16 40	966	941	11 58	25	63	·48	0	83·2
13	17 50	1060	1001	11 42	59	14 27	580	526	8 52	54	19 40	968	938	12 1	30	73	·55	0	83·2
14	19 23	1059	1012	11 12	47	13 42	568	521	9 3	47	4 52	964	945	12 3	19	48	·36	0	83·2
15	19 9	1062	1016	11 41	46	14 42	570	526	7 31	44	19 50	963	925	12 6	38	55	·42	0	83·3
16	18 3	1065	1025	11 38	40	13 38	564	531	7 46	**33**	17 40	963	934	10 40	29	35	·27	0	83·2
17	18 41	1066	1031	12 31	**35**	13 20	572	531	8 36	41	5 10	960	928	12 0	32	39	·30	0	83·2
18	18 30	1076	1008	10 31	68	12 53	579	504	8 26	75	18 20	970	935	11 58	35	115	·87	1	83·2
19	2 4	1071	1009	14 13	62	2 27 / 14 34	578	518	1 33	60	18 40	982	920	2 19	62	113	·86	1	83·3
20	20 25	1066	1017	11 12	49	13 40	576	515	7 29	61	20 59	965	948	11 0	**17**	64	·49	0	83·3
21	20 53	1078	1017	11 34	61	13 11	583	517	7 50	66	18 20	968	937	11 10	31	90	·69	0	83·3
22	18 12	1082	1021	13 26	61	12 45	587	521	6 44	66	18 31	971	948	11 50	23	86	·65	0	83·3
23	18 11	1083	1002	11 22	81	14 18	589	516	7 49	73	19 35	968	935	12 0	33	130	·98	0	83·4
24	18 52	1078	1020	12 22	58	13 9	578	521	7 8	57	22 15	961	937	11 29	24	72	·55	1	83·4
25	19 3	1077	1018	10 58	59	13 40	576	530	7 50	46	18 50	967	941	6 30	26	63	·48	1	83·5
26	17 59	1088	1018	12 18	70	14 6	587	530	7 18	57	19 22	978	938	11 39	40	97	·74	1	83·5
27	14 35	1082	1023	12 0	59	16 58	603	486	23 54	117	18 30	989	927	24 0	62	210	1·59	1	83·5
28	4 10	1076	1003	12 9	73	3 12	583	**451**	0 45	**132**	19 0	978	**849**	3 38	129	394	2·99	1	83·5
29	17 50	1083	997	10 31	86	16 58	582	511	8 40	71	8 0	968	944	12 20	24	130	·99	1	83·5
30	18 17	**1161**	995	13 10	**166**	14 10	605	501	8 41	104	18 9	1000	892	24 0	108	500	3·79	2	83·6
31	17 35	1114	981	6 43	133	14 22	583	501	1 27	82	17 10	983	891	0 1	92	329	2·49	2	83·7
Mean	—	1076	1006	—	70	—	581	516	—	65	—	972	929	—	43	132	—	0·61	83·3
No. of Days used	—	31	31	—	31	—	31	31	—	31	—	31	31	—	31	31	—	31	31

§ For explanation see page 107. Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

234. Eskdalemuir. (X.) **June, 1925.**

15,000 γ (·15 C.G.S. unit) +

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1032	1049	1047	1047	1055	1045	1054	1047	1031	1017	1007	997	1005	1011	1021	1030	1080	1080	1086	1060	1055	1050	1051	1059	1046	1043
2	1046	1038	1037	1045	1045	1041	1036	1012	1010	1006	1002	1012	1026	1021	1025	1031	1050	1075	1077	1075	1066	1062	1061	1080	1054	1041
3	1054	1016	1054	1059	1043	1020	1016	1035	1029	1013	985	1007	1021	1020	1021	1037	1050	1055	1080	1102	1098	1065	1046	1042	1047	1040
4	1048	1041	1043	1041	1031	1040	1045	1032	1023	1018	1016	1009	1017	1023	1035	1061	1057	1071	1067	1082	1074	1070	1060	1051	1049	1044
5	1049	1042	1046	1047	1055	1043	1027	1030	1026	1023	1016	1021	1026	1037	1040	1057	1061	1062	1062	1063	1062	1057	1056	1054	1053	1044
6	1053	1051	1050	1048	1043	1043	1047	1050	1041	1032	1030	1024	1032	1031	1082	1087	1051	1061	1071	1091	1067	1057	1050	1049	1042	1051
7	1042	1042	1046	1040	1037	1040	1042	1042	1037	1032	1013	1014	1014	1020	1018	1034	1058	1076	1059	1058	1055	1053	1051	1048	1047	1041
8 Q	1048	1049	1048	1049	1051	1052	1047	1038	1034	1028	1021	1012	1005	1008	1023	1027	1041	1062	1069	1073	1071	1058	1056	1060	1053	1043
9 Q	1053	1048	1048	1052	1053	1053	1052	1038	1023	1008	1003	1011	1014	1023	1032	1043	1057	1064	1071	1073	1067	1057	1052	1052	1051	1044
10	1051	1048	1052	1054	1051	1053	1053	1046	1037	1026	1017	1019	1020	1023	1042	1052	1047	1058	1077	1084	1073	1067	1053	1048	1049	1048
11	1049	1052	1048	1047	1047	1047	1048	1045	1037	1029	1028	1023	1022	1026	1029	1040	1055	1061	1072	1076	1072	1061	1049	1062	1047	1047
12	1048	1053	1053	1052	1058	1052	1048	1049	1044	1032	1028	1023	1016	1013	1024	1037	1047	1063	1068	1067	1062	1057	1050	1048	1046	1045
13 D	1046	1054	1045	1048	1054	1063	1043	1006	959	960	1007	993	984	998	1033	985	1014	1039	1077	1068	1064	1069	1079	1067	1025	1031
14	1025	1040	1043	1039	1032	1034	1028	1033	1028	1029	1028	1019	1018	1014	1015	1028	1048	1062	1066	1059	1058	1054	1044	1039	1038	1037
15	1038	1043	1043	1031	1037	1043	1039	1033	1024	1023	1011	1014	1025	1023	1033	1037	1048	1065	1057	1058	1068	1059	1057	1062	1024	1040
16	1024	1053	1050	1041	1042	1042	1043	1043	1037	1024	1028	1028	1028	1025	1031	1039	1041	1074	1070	1090	1080	1063	1057	1028	1055	1046
17	1056	1050	1049	1041	1043	1019	1049	1040	1028	1021	1020	1023	1019	1009	1029	1044	1064	1060	1070	1059	1056	1054	1049	1049	1046	1041
18	1046	1050	1044	1040	1046	1050	1044	1034	1028	1028	1025	1016	1031	1036	1054	1045	1055	1054	1059	1071	1065	1058	1049	1050	1054	1045
19 Q	1054	1050	1043	1046	1049	1050	1045	1034	1026	1021	1014	1001	1005	1016	1035	1044	1051	1060	1065	1066	1065	1056	1054	1049	1048	1041
20 Q	1048	1044	1048	1049	1051	1054	1050	1045	1040	1028	1015	1009	1006	1020	1038	1049	1060	1060	1061	1061	1059	1057	1054	1051	1054	1044
21 Q	1055	1051	1053	1054	1055	1055	1051	1049	1045	1035	1025	1020	1025	1031	1039	1047	1054	1061	1066	1066	1061	1062	1060	1058	1057	1049
22	1057	1055	1055	1056	1059	1060	1058	1045	1033	1025	1021	1019	1021	1037	1056	1065	1066	1063	1070	1081	1075	1074	1076	1075	1062	1054
23 D	1062	1067	1071	1069	1068	1058	1069	1070	1049	1025	973	981	1010	1006	1026	1060	1044	1062	1075	1074	1066	1061	1057	1057	1055	1048
24 D	1055	1054	1046	1058	1049	1062	1061	1047	1026	1027	1026	1026	1020	1021	1040	1061	1101	1085	1105	1130	1075	1040	1061	1020	926	1051
25 D	926	1026	1015	1035	1040	1041	1029	1018	1013	1012	1001	1000	993	996	1015	1056	1075	1100	1049	1052	1046	1040	1044	1044	1041	1033
26	1042	1039	1041	1038	1045	1046	1045	1036	1025	1012	1012	1006	1003	1012	1030	1041	1051	1066	1067	1062	1062	1056	1052	1052	1045	1039
27	1045	1052	1049	1045	1041	1047	1048	1049	1039	1028	1019	1001	994	1001	1027	1061	1053	1066	1081	1077	1066	1056	1052	1072	1041	1044
28 D	1041	1022	1030	1053	1042	1021	997	1017	1031	1016	1002	997	1001	988	1007	1028	1066	1087	1088	1067	1054	1059	1056	1036	1046	1034
29	1046	1062	1044	1046	1037	1033	1040	1038	1026	1016	1006	1008	1010	1031	1027	1041	1040	1057	1065	1059	1065	1056	1054	1060	1049	1040
30	1049	1047	1031	1037	1043	1041	1035	1013	1030	1041	1031	1016	1011	1024	1036	1045	1063	1086	1086	1068	1062	1069	1046	1044	1043	1044
Mean†	1043	1046	1046	1047	1047	1045	1043	1037	1028	1021	1014	**1012**	1014	1018	1032	1044	1055	1067	1071	**1072**	1065	1059	1054	1052	1043	1043

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

235. Eskdalemuir. (—Y.) **June, 1925.**

4,000 γ (·04 C.G.S. unit) +

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	550	559	531	536	531	526	526	519	515	517	532	551	576	589	596	585	590	569	559	551	556	556	556	552	545	551
2	545	549	556	549	540	537	529	524	524	536	538	550	570	581	578	576	572	570	550	550	556	550	550	552	542	551
3	542	550	559	543	524	525	556	539	524	518	524	544	562	570	574	574	558	561	570	559	557	545	542	564	552	550
4	552	551	540	532	541	534	534	531	523	524	530	540	558	565	562	558	557	560	550	549	557	554	549	546	550	546
5	550	545	556	549	537	508	519	536	524	530	539	556	569	578	570	565	559	556	558	557	557	556	556	554	552	549
6	552	549	544	544	542	536	525	523	516	524	537	552	573	583	603	564	570	566	570	572	549	552	549	556	557	**552**
7	557	552	542	537	536	530	532	531	530	531	543	558	570	576	576	571	558	557	551	550	550	550	550	549	545	549
8 Q	545	544	543	538	536	530	519	523	513	519	532	544	556	564	572	570	564	562	556	556	550	545	554	538	536	545
9 Q	536	538	543	543	536	530	525	517	505	504	517	538	562	577	577	576	572	570	565	545	551	544	545	547	544	544
10	544	536	531	525	525	528	514	506	506	512	525	543	562	570	580	582	571	559	558	556	545	543	543	538	536	542
11	536	532	530	536	531	524	516	509	509	517	536	543	558	571	576	577	570	559	558	557	556	550	541	525	523	542
12	523	517	515	519	519	516	511	511	511	510	523	536	549	556	562	564	562	562	559	558	554	548	545	546	552	537
13 D	552	531	530	530	523	525	524	563	537	541	554	562	576	585	598	576	571	559	562	560	558	556	538	513	485	550
14	485	526	524	525	528	539	552	538	531	524	530	542	558	562	558	557	558	557	556	551	550	550	545	538	542	542
15	542	538	536	538	537	522	515	512	516	519	523	537	552	558	564	567	566	557	556	554	559	544	547	561	550	543
16	550	540	537	530	531	529	524	523	516	524	536	543	560	566	576	570	562	557	562	564	552	537	525	517	517	542
17	517	483	505	536	539	537	518	523	524	524	538	546	564	576	580	577	576	569	566	552	550	547	544	542	538	543
18	538	544	550	544	529	515	511	510	511	516	526	544	558	566	570	563	562	556	550	550	540	542	545	550	540	541
19 Q	540	523	520	530	524	523	516	513	511	517	529	544	565	578	585	571	558	556	550	549	538	544	545	546	550	541
20 Q	550	543	542	542	536	525	519	516	511	516	524	538	557	570	576	570	563	557	551	546	544	542	544	544	544	543
21 Q	544	542	543	543	538	532	523	520	518	517	524	537	551	566	572	564	559	558	556	549	544	544	544	544	544	543
22	544	544	543	539	536	529	519	517	516	512	524	536	557	572	579	577	570	563	568	567	558	551	544	537	536	546
23 D	536	548	544	539	536	577	556	537	517	506	524	543	564	576	581	589	571	558	557	552	550	547	544	544	544	550
24 D	544	550	557	534	542	517	511	505	506	511	523	532	548	558	570	572	579	565	576	580	537	524	496	426	545	**536**
25 D	545	450	507	530	537	519	513	510	509	516	518	528	543	554	567	581	580	585	562	564	557	550	545	544	538	538
26	538	538	539	538	536	525	518	512	511	504	516	530	549	559	570	565	558	563	562	552	548	544	549	542	544	540
27	544	536	536	529	517	519	512	504	504	504	517	525	539	565	578	581	564	580	580	565	559	532	524	518	517	538
28 D	517	550	542	506	510	513	550	538	519	512	516	526	549	548	554	561	577	562	557	557	557	550	528	536	536	539
29	536	540	510	511	517	519	523	512	513	507	519	532	550	564	564	557	558	562	558	550	549	550	549	551	558	538
30	558	536	532	526	517	518	517	525	523	526	524	532	549	556	558	564	562	564	564	550	551	540	538	542	539	540
Mean†	540	536	536	534	531	527	524	522	**517**	518	528	541	559	569	**574**	571	567	563	560	556	551	546	542	539	540	544

† Mean of 29 days: 8th omitted. Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

236. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **June, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	954	937	942	950	956	956	956	957	957	954	949	944	936	944	952	960	970	983	989	982	974	970	963	956	956	958
2	955	953	955	953	957	961	962	961	960	955	948	940	936	945	956	961	968	972	976	976	973	970	966	948	936	958
3	936	914	917	935	944	951	939	939	948	948	943	936	936	944	951	961	972	972	974	977	968	964	965	964	956	950
4	955	944	952	958	956	955	956	961	962	959	951	954	952	956	959	963	966	968	968	971	967	967	964	963	960	960
5	959	958	953	946	943	946	943	941	945	948	941	937	937	948	958	962	962	962	961	962	961	960	959	959	959	952
6	958	959	960	960	957	957	954	952	949	948	945	945	945	945	949	970	986	983	975	974	974	969	965	961	957	**960**
7	956	956	956	957	956	957	956	956	960	959	949	943	943	945	949	957	968	973	973	968	964	961	961	960	960	958
8 Q	959	959	960	962	963	963	963	963	960	952	943	942	939	943	950	958	963	967	972	‡	—	—	—	‡	950	—
9 Q	949	951	953	955	956	958	958	959	959	955	946	942	942	946	950	957	962	962	965	965	965	962	959	958	957	956
10	956	957	956	957	958	957	957	957	954	950	942	941	941	941	946	953	962	965	966	969	969	965	961	959	957	956
11	956	953	952	953	956	957	959	956	952	948	944	940	939	940	945	955	961	969	973	973	972	969	966	953	940	956
12	939	939	939	939	938	942	939	939	936	934	934	935	939	946	951	954	956	964	970	971	968	967	963	959	955	949
13 D	955	945	948	953	955	956	951	951	942	923	926	938	945	951	959	980	988	989	980	977	969	968	964	934	926	956
14	925	938	944	950	955	954	934	935	938	942	946	950	951	953	954	958	963	966	966	968	968	970	967	963	962	953
15	961	958	961	958	951	951	953	954	957	954	944	941	940	942	945	949	953	958	966	966	962	969	965	956	949	955
16	948	953	956	956	957	958	957	956	953	952	948	945	944	947	953	957	965	973	968	965	969	969	962	948	926	956
17	925	919	928	930	910	909	914	924	935	943	945	945	947	951	951	952	954	960	963	964	961	960	960	960	960	943
18	959	955	954	938	941	950	954	954	954	954	947	947	947	950	950	950	952	958	959	960	963	963	958	956	954	953
19 Q	953	946	943	948	953	953	954	953	957	953	949	945	941	941	941	942	950	957	961	962	962	959	957	956	951	951
20 Q	949	951	951	952	954	955	955	953	955	955	947	939	940	946	951	951	952	960	960	956	956	956	956	955	955	952
21 Q	955	954	953	954	955	956	956	956	953	949	944	938	935	938	943	946	951	954	955	955	955	952	952	952	952	950
22	951	950	951	951	953	954	954	950	943	939	934	930	929	930	933	940	945	948	947	947	950	952	950	950	946	945
23 D	945	945	946	949	947	934	908	913	924	928	930	931	932	933	936	948	961	959	962	959	960	957	954	954	954	942
24 D	953	952	947	940	932	929	938	940	940	945	948	949	941	944	949	954	965	986	994	999	985	944	945	891	764	946
25 D	763	862	894	895	893	919	936	945	952	953	951	950	949	956	964	972	982	987	990	977	967	961	957	956	956	943
26	954	957	957	958	957	958	958	962	958	950	950	949	946	949	948	950	958	962	975	978	974	968	963	958	958	958
27	957	954	953	953	957	957	954	957	957	953	949	941	944	944	945	961	978	973	978	980	978	961	954	937	932	957
28 D	931	917	852	900	932	938	922	915	931	939	942	947	943	949	954	959	963	978	978	976	969	961	956	949	943	**942**
29	942	918	920	927	939	945	946	946	939	942	943	939	935	945	950	951	951	951	956	963	962	956	954	946	926	944
30	925	921	925	933	941	946	945	942	945	945	942	942	941	936	934	944	954	962	964	966	961	958	953	951	951	945
Mean†	942	942	942	945	947	949	947	948	949	947	944	942	**941**	945	949	956	963	967	**969**	969	966	962	959	952	943	952

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

237. Eskdalemuir. **June, 1925.**

Day.	Terrestrial Magnetic Force. North Component. Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	West Component. Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Vertical Component. Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	Character Figures. § ΣR²	ρ	Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	100γ²			a.
1	17 29	1106	981	13 9	125	14 5	603	511	6 50 } 8 0 }	92	17 59	990	935	11 42	55	271	·88	1	83·7
2	22 40	1100	992	9 56	108	12 57	591	511	8 27	80	17 45	978	935	11 45	43	199	·64	1	83·7
3	18 51	1121	971	10 9	150	15 7	585	505	8 17	80	18 42	981	902	1 18	79	351	1·14	1	83·7
4	18 54	1085	999	11 7	86	0 20	580	511	9 3	69	18 40	972	942	0 41	30	131	·42	1	83·7
5	19 11	1071	1006	10 38	65	13 20	584	503	5 13	81	15 30	963	934	10 28	29	116	·38	1	83·8
6	15 2	1112	1017	11 1	95	13 56	610	511	8 12	99	16 17	989	945	10 30	44	208	·67	1	83·8
7	16 25	1078	1007	10 37	71	13 51	578	524	5 2	**54**	17 35	975	940	11 31	35	92	·30	1	83·9
8	18 19	1080	998	12 30	82	14 25	578	511	7 59	67	17 50	972	938	11 50	34	124	·40	0	83·9
9	17 23	1080	998	10 34	82	13 49	579	502	7 59	77	19 40	966	942	12 10	24	132	·43	0	83·9
10	18 29	1092	1013	10 23	79	15 0	583	504	7 25	79	19 20	970	940	12 35	30	134	·43	1	83·9
11	22 59	1087	1018	11 45	69	14 13	580	504	7 40	76	18 50	975	938	12 31	37	119	·39	1	83·9
12	18 50	1073	1009	12 51	64	15 2	565	506	8 4	59	18 40	972	934	9 53	38	90	·29	0	84·0
13	18 5 } 22 31 }	1092	936	7 56	156	8 12	607	473	7 3	134	16 35	993	914	23 32	79	485	1·57	2	84·0
14	18 28	1069	1008	13 31	61	5 44	570	479	0 1	91	21 2	970	927	0 1	43	139	·45	1	84·1
15	23 52	1076	1007	10 3	69	16 0	572	510	6 29	62	20 19	970	938	12 29	32	96	·31	1	84·1
16	18 51	1097	1019	23 8	78	14 42	583	498	22 40	85	16 50	975	927	23 42	48	156	·51	1	84·1
17	18 10	1081	1004	5 9 } 12 42 }	77	13 51	583	461	0 42	122	19 11	964	906	4 21	58	242	·78	1	84·1
18	18 45	1074	1005	11 12	69	12 45	582	497	6 40	85	20 2	963	934	3 10	29	128	·42	1	84·1
19	18 58	1069	997	11 10	72	13 51	589	507	8 9	82	19 58	963	940	13 20	23	124	·40	0	84·1
20	16 12	1064	1005	11 58	59	13 52	577	510	7 50	67	17 30	960	938	11 32	**22**	85	·27	0	84·2
21	18 30	1070	1018	11 25	**52**	13 45	574	517	9 22	57	6 0	957	934	12 10	23	65	·21	0	84·3
22	19 11	1090	1016	11 48	74	14 19	583	511	8 50	72	5 0	954	928	11 30	26	113	·37	0	84·3
23	19 38	1089	967	10 11	122	5 9 } 14 45 }	603	491	8 40	112	18 2	962	908	6 10	54	303	·98	1	84·3
24	18 56	**1190**	**812**	23 51	**378**	20 43	**644**	**416**	22 52	**228**	19 18	**1003**	**723**	23 52	**280**	2733	8·85	2	84·3
25	16 58	1121	926	0 1	195	17 0	597	423	0 47	174	17 39	994	734	0 1	260	1359	4·40	2	84·4
26	17 20	1076	991	12 32	85	14 7	572	497	8 55	75	19 20	978	945	11 34	33	139	·45	1	84·4
27	22 35	1107	979	11 28	128	14 54	596	483	22 21	113	18 23	982	929	23 38	53	320	1·03	2	84·5
28	17 45	1113	976	12 48	137	16 31	598	498	2 38	100	17 19	983	843	1 59	140	484	1·57	2	84·5
29	0 41	1085	991	9 50	94	13 19	576	501	8 59	75	19 25	964	917	1 41	47	167	·54	1	84·5
30	16 41	1096	996	7 11	100	15 43	572	507	6 0	65	19 0	966	921	0 45	45	163	·53	1	84·5
Mean	—	1091	989	—	103	—	586	496	—	90	—	973	914	—	59	309	—	0·93	84·1
No. of Days used.	—	30	30	—	30	—	30	30	—	30	—	30	30	—	30	30	—	30	30

§ For explanation see page 107.

† Mean of 29 days: 8th omitted. ‡ Gas pressure low.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

238. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **July, 1925.**

Hour G.M.T. / Day.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1043	1043	1043	1046	1047	1049	1046	1037	1027	1017	1007	1006	1014	1035	1046	1038	1056	1082	1098	1076	1062	1052	1048	1061	1046	1045
2	1047	1047	1048	1047	1047	1038	1039	1042	1031	1021	1017	1027	1026	1042	1049	1058	1054	1062	1074	1081	1072	1059	1049	1064	1058	1048
3	1058	1048	1039	1049	1049	1038	1037	1028	1018	1020	1020	1028	1020	1028	1034	1048	1056	1064	1063	1058	1062	1056	1057	1054	1046	1043
4	1046	1048	1043	1044	1047	1049	1048	1044	1041	1028	1018	1008	1020	1022	1030	1043	1048	1058	1067	1073	1067	1067	1057	1055	1054	1045
5	1054	1058	1053	1052	1053	1052	1039	1039	1049	1052	1034	1021	1020	1018	1028	1032	1054	1067	1059	1069	1067	1059	1054	1049	1047	1047
6	1047	1056	1052	1046	1048	1051	1033	1042	1043	1038	1028	1026	1028	1025	1032	1048	1058	1069	1076	1063	1060	1053	1052	1053	1052	1047
7	1052	1048	1047	1048	1052	1057	1054	1047	1037	1025	1013	1014	1013	1019	1042	1058	1066	1063	1059	1054	1053	1053	1054	1059	1057	1045
8	1058	1050	1050	1052	1054	1058	1053	1047	1040	1034	1029	1021	1013	1021	1029	1038	1048	1064	1070	1066	1064	1061	1058	1056	1053	1047
9	1053	1053	1053	1055	1063	1075	1072	1060	1060	1053	1033	1018	1024	1033	1049	1062	1068	1075	1078	1063	1074	1067	1060	1055	1055	**1057**
10	1055	1059	1059	1061	1062	1062	1054	1050	1049	1045	1039	1035	1031	1028	1039	1058	1069	1094	1108	1104	1074	1046	1028	1048	1040	1056
11	1040	1039	1040	1043	1049	1050	1053	1040	1018	1011	1034	1029	1019	1020	1021	1026	1030	1039	1053	1067	1070	1058	1049	1042	1040	1039
12	1040	1047	1040	1041	*	—	—	—	—	—	—	—	—	*	1029	*	—	—	—	—	—	—	—	*	1048	—
13 Q	1048	1044	1044	1047	1053	1053	1053	1049	1039	1029	1020	1012	1014	1018	1028	1033	1048	1054	1058	1060	1059	1068	1055	1050	1046	1043
14	1046	1046	1048	1048	1049	1048	1048	1049	1049	1039	1030	1020	1013	1018	1027	1037	1045	1051	1060	1073	1079	1083	1067	1068	1043	1047
15 D	1044	1040	1066	1031	1038	1065	1050	1038	1026	1014	996	973	989	1023	1023	1040	1046	1056	1054	1055	1059	1054	1051	1049	1046	1037
16 Q	1046	1045	1045	1046	1049	1045	1040	1039	1034	1027	1017	1010	1020	1030	1035	1042	1045	1051	1054	1057	1052	1049	1046	1042	1041	1040
17 Q	1041	1046	1048	1049	1050	1049	1044	1039	1035	1030	1025	1025	1030	1034	1037	1040	1049	1054	1055	1056	1059	1058	1054	1050	1050	1044
18 Q	1050	1050	1050	1050	1051	1051	1050	1045	1036	1037	1034	1031	1026	1028	1034	1041	1049	1059	1064	1060	1056	1056	1060	1059	1063	1047
19	1063	1052	1045	1049	1050	1050	1049	1040	1039	1032	1024	1018	1017	1028	1040	1045	1051	1059	1075	1080	1064	1059	1054	1054	1051	1047
20 Q	1052	1050	1046	1042	1047	1050	1046	1040	1031	1021	1006	998	1005	1021	1031	1041	1050	1051	1055	1061	1060	1056	1055	1056	1056	1041
21	1056	1052	1054	1052	1055	1057	1057	1050	1041	1035	1023	1021	1003	1038	1042	1051	1074	1072	1058	1072	1062	1061	1061	1052	1050	1050
22 D	1050	1051	1050	1037	1051	1047	1050	1047	1030	995	982	1013	1025	1020	1020	1040	1052	1067	1086	1094	1065	1050	1052	1051	1051	1043
23	1051	1051	1055	1055	1051	1061	1057	1042	1036	1025	996	1000	1011	1021	1036	1050	1055	1061	1080	1057	1060	1050	1046	1046	1046	1044
24	1046	1046	1046	1047	1047	1050	1046	1046	1045	1033	1016	1002	1001	1003	1022	1045	1047	1067	1072	1069	1057	1051	1051	1070	1050	1043
25	1050	1045	1046	1049	1051	1054	1052	1051	1045	1031	1020	1010	1005	1005	1020	1041	1056	1066	1076	1071	1064	1056	1066	1054	1067	1046
26 D	1067	1051	1050	1040	1059	1062	1051	1028	1010	1027	1023	999	994	1002	1002	1020	1036	1052	1060	1074	1068	1061	1056	1056	1061	1039
27 D	1061	1056	1047	1036	1025	1045	1039	1037	1023	1025	1006	1005	995	1016	1038	1050	1050	1100	1090	1075	1061	1062	1046	1045	1047	1043
28 D	1048	1046	1041	1028	1042	1042	1032	997	1007	1027	1009	998	994	1013	1016	1024	1044	1061	1072	1082	1068	1052	1056	1057	1046	**1036**
29	1046	1043	1046	1046	1047	1048	1047	1042	1036	1022	1011	1017	1025	1025	1032	1047	1056	1063	1070	1074	1066	1056	1047	1057	1041	1044
30	1041	1041	1042	1042	1042	1042	1041	1038	1037	1026	1012	1006	1009	1016	1024	1033	1051	1071	1073	1067	1056	1052	1048	1047	1052	1040
31	1052	1049	1047	1046	1037	1047	1047	1047	1042	1036	1022	1009	1011	1025	1037	1047	1048	1055	1061	1056	1052	1056	1056	1045	1046	1043
Mean†	1050	1049	1048	1046	1049	1051	1047	1041	1035	1028	1018	**1013**	1014	1023	1032	1043	1052	1064	**1070**	1069	1063	1057	1053	1054	1050	1045

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

239. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **July, 1925.**

Hour G.M.T. / Day.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	539	537	538	536	525	518	517	516	511	509	519	536	550	558	563	562	565	572	557	550	546	544	549	546	546	540
2	546	540	538	531	530	528	516	510	504	511	525	542	558	570	570	565	558	552	556	550	544	538	545	519	539	539
3	539	529	556	536	525	530	521	523	511	515	519	530	544	552	569	570	560	554	550	550	547	539	539	536	543	539
4	543	543	543	542	531	519	516	505	499	504	530	532	559	581	587	582	565	551	550	546	544	544	544	543	544	542
5	544	537	531	531	530	519	512	511	517	511	524	536	552	570	581	578	579	576	556	550	545	542	538	532	540	542
6	540	538	536	532	532	524	523	517	510	510	524	537	556	569	577	576	571	562	557	550	546	544	538	542	544	542
7	544	538	537	536	536	530	519	515	511	510	517	530	551	571	570	564	564	558	551	544	543	539	539	537	536	540
8	536	530	528	530	524	519	509	505	498	497	507	529	556	566	576	583	573	565	551	546	540	539	539	538	538	537
9	538	537	538	538	534	516	507	517	512	511	517	532	554	571	581	581	578	576	573	563	562	544	537	537	536	544
10	536	530	530	532	530	528	523	523	523	517	529	537	552	564	570	572	574	583	579	551	542	530	526	524	530	542
11	530	524	531	528	536	516	510	511	506	511	524	534	543	550	551	550	550	550	546	545	539	532	530	532	536	533
12	536	530	530	530	*	—	—	—	—	—	—	—	—	*	569	564	*	—	—	—	—	—	*	531	538	—
13 Q	538	536	535	539	*	—	—	—	—	*	518	530	546	558	570	570	570	558	550	544	544	542	541	537	537	—
14	537	536	531	530	525	518	512	504	506	513	524	538	550	552	557	558	552	546	544	550	550	534	537	531	503	534
15 D	503	476	486	504	519	491	487	491	496	509	523	536	558	576	576	572	564	551	544	544	549	544	543	542	537	**529**
16 Q	537	537	532	530	525	517	510	504	504	510	517	530	543	550	551	543	538	539	543	545	544	543	543	541	537	532
17 Q	537	536	537	536	530	523	516	517	517	524	532	545	556	563	563	557	550	544	544	544	543	537	540	539	537	539
18 Q	537	537	537	536	532	525	519	519	524	526	530	542	552	569	577	582	572	564	557	545	543	543	544	542	536	**544**
19	536	536	531	536	532	524	511	503	499	506	516	531	546	562	567	564	559	559	564	543	544	544	537	537	538	537
20 Q	538	537	531	530	530	524	517	511	505	504	513	536	548	558	560	558	552	546	544	544	543	544	543	544	543	536
21	543	538	541	544	530	517	511	511	512	515	517	530	542	566	576	587	595	~~516~~	564	563	557	551	550	540	539	542
22 D	539	530	537	545	550	513	509	504	505	511	540	543	550	556	550	550	549	549	545	537	542	544	549	544	538	537
23	538	536	544	546	524	512	511	511	516	517	524	538	550	556	564	565	551	544	540	544	544	544	543	538	536	537
24	536	532	532	531	530	526	521	513	511	511	523	532	543	556	564	569	558	552	550	546	541	544	538	523	530	537
25	530	530	530	530	530	526	524	517	511	511	518	536	545	556	559	563	562	564	564	552	548	542	541	524	502	537
26 D	502	517	523	566	536	505	524	536	530	540	519	524	530	550	558	569	560	560	560	560	550	536	533	536	536	539
27 D	536	511	517	532	550	530	529	515	517	517	525	542	559	569	560	547	565	544	563	552	550	530	496	530	533	537
28 D	533	504	530	565	526	504	505	524	542	511	519	525	538	549	550	556	557	558	559	543	544	544	546	523	517	535
29	517	523	523	524	523	521	517	518	512	511	517	530	550	562	564	560	557	556	550	544	544	544	542	538	532	536
30	532	532	530	530	523	517	517	517	510	511	524	536	549	556	552	551	557	557	557	545	543	544	540	537	536	536
31	536	532	530	524	536	523	517	517	511	510	518	536	548	557	558	558	556	549	544	538	537	542	529	536	536	535
Mean†	535	530	532	535	530	519	515	513	**511**	513	522	535	549	562	**566**	565	562	555	554	548	545	541	539	536	534	538

† Mean of 29 days: 12th and 13th omitted. * Gas failed.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

240. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **July, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	949	949	948	945	948	949	949	949	945	944	940	933	932	936	944	949	957	961	965	970	969	965	957	947	940	**950**
2	939	943	947	948	951	951	951	951	955	948	939	931	927	926	929	939	947	956	959	956	960	960	956	944	934	946
3	933	934	931	931	937	942	943	947	947	949	947	946	942	946	946	946	950	951	957	955	950	951	951	950	950	945
4	949	945	945	945	946	949	953	949	946	941	939	935	933	936	940	941	949	954	953	954	953	952	950	949	946	946
5	945	940	941	944	946	948	945	940	937	938	937	934	931	932	933	936	940	948	957	961	961	957	953	949	948	944
6	947	939	940	943	945	947	947	939	939	939	939	939	942	947	948	944	948	956	957	957	952	951	948	948	947	946
7	946	942	944	946	946	946	946	946	948	947	942	938	929	925	926	935	942	948	951	951	948	946	946	946	943	943
8	942	942	942	944	945	945	945	945	945	938	929	928	921	921	928	933	937	942	946	949	946	942	941	942	942	939
9	941	943	944	943	944	943	944	940	936	933	931	924	919	922	926	931	940	941	949	951	945	946	944	944	943	939
10	942	943	940	940	943	944	943	940	935	930	930	926	926	930	930	934	943	951	960	977	981	975	964	936	928	944
11	927	934	938	934	931	925	930	934	938	934	934	933	931	930	930	930	935	943	947	947	951	955	952	947	939	937
12	938	933	937	941	*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	937	—
13Q	936	936	936	937	*	—	—	—	—	*	929	923	920	928	932	929	929	936	945	945	944	942	942	941	940	—
14	938	937	935	935	938	940	938	939	938	934	926	926	926	926	922	926	932	938	939	940	940	938	938	932	922	**934**
15D	922	884	897	917	887	898	913	922	925	925	926	926	927	933	942	944	947	948	951	947	943	943	943	943	943	928
16Q	942	941	941	942	942	945	943	942	942	941	936	933	928	933	936	934	941	946	946	946	946	945	942	942	942	941
17Q	941	941	941	941	944	945	945	944	944	941	936	929	928	932	936	938	941	945	941	943	943	943	941	940	939	940
18Q	938	939	939	939	939	940	939	936	938	935	927	919	914	918	921	927	935	938	940	944	940	940	938	938	935	934
19	934	934	935	938	939	942	942	939	935	931	927	927	926	930	931	934	938	943	952	959	952	947	944	942	941	939
20Q	940	938	937	937	938	941	942	942	942	941	938	938	931	934	938	938	943	942	942	942	942	941	941	941	938	939
21	937	939	938	937	937	940	937	938	937	933	929	925	932	932	937	939	945	962	980	971	961	950	945	941	940	943
22D	939	940	940	940	928	931	939	944	941	940	932	928	928	935	940	944	946	948	956	962	956	951	944	944	941	942
23	940	940	939	934	935	940	939	940	938	934	926	923	925	930	935	939	947	954	958	955	948	943	942	940	940	939
24	939	939	939	940	941	942	942	939	938	938	938	938	933	933	934	935	945	950	955	957	951	946	942	934	926	941
25	925	930	933	937	938	938	938	938	937	933	933	929	928	932	933	936	941	945	946	949	949	947	941	925	926	937
26D	926	929	930	919	892	910	916	908	912	908	917	924	928	929	933	942	952	953	947	942	944	942	939	936	925	928
27D	924	915	923	923	911	906	920	927	928	928	931	928	927	927	939	938	943	949	957	956	945	941	939	919	897	930
28D	896	913	918	888	888	915	926	926	918	922	922	918	918	923	931	934	935	939	943	948	947	940	935	923	930	**924**
29	930	931	934	935	935	935	934	935	935	935	931	927	925	922	922	926	931	938	947	947	944	942	939	934	926	934
30	925	930	933	934	934	934	934	934	938	938	937	926	925	925	926	934	938	938	943	946	946	939	938	937	934	935
31	933	932	932	933	933	933	933	933	933	936	933	929	926	927	928	932	937	941	942	942	941	937	937	937	936	934
Mean†	935	935	936	936	934	937	938	938	938	936	933	930	**928**	930	933	936	942	947	951	**953**	950	947	944	940	936	939

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE:
MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

241. Eskdalemuir. **July, 1925.**

Day.	Terrestrial Magnetic Force. North Component. Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	West Component. Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Vertical Component. Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	Character Figures.§ ΣR²	ρ	Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	100γ²			a.
1	18 7	1114	1001	10 41	113	16 46	578	505	8 59	73	19 25	973	931	12 20	42	199	1·27	1	84·5
2	18 52	1087	1013	9 50	74	13 7	572	503	8 10	69	21 10	960	925	12 43	35	115	·73	1	84·5
3	16 43	1068	1014	8 3	54	14 36	577	509	8 13	68	18 12	958	926	2 40	32	86	·55	0	84·6
4	18 40	1077	1004	11 2	73	13 53	591	497	7 59	94	19 8	954	933	11 30	21	146	·93	0	84·6
5	18 38	1083	1002	13 33	81	14 11	584	504	6 25	80	18 52	962	928	12 25	34	141	·90	1	84·6
6	17 48	1087	1023	13 2	64	14 18	580	505	8 20	75	18 28	959	939	11 20	20	101	·64	0	84·7
7	16 18	1072	1010	12 4	63	13 34	576	505	8 28	71	17 41	951	925	13 0	26	96	·61	0	84·7
8	17 45	1073	1009	11 52	64	14 59	584	497	8 19	87	19 20	949	920	12 35	29	125	·80	0	84·7
9	17 39	1095	1015	11 20	80	15 6	589	503	6 11	86	18 40	954	919	12 10	35	150	·96	1	84·7
10	18 18	**1134**	1020	22 21	114	17 6	590	511	23 18	79	19 40	981	926	11 2	55	223	1·42	1	84·8
11	20 4	1077	1009	8 6	68	14 0	552	503	8 2	**49**	21 10	955	922	0 16	33	81	·52	1	84·9
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	84·3
13	20 57	1075	1009	11 21	66	15 32	576	—	—	—	18 12	945	898	11 40	47	—	—	0	84·5
14	20 40	1099	1010	11 53	89	15 0	559	484	23 53	75	18 32	942	922	13 46	20	139	·89	1	84·8
15	1 38	1090	**961**	11 41	129	13 46	584	**452**	1 0	**132**	18 0	951	**875**	0 40	**76**	398	2·54	1	84·9
16	18 41	1064	1005	10 58	59	13 51	556	497	8 39	59	18 53	947	926	12 16	21	74	·47	0	85·3
17	20 30	1061	1023	9 56	**38**	13 3	564	511	6 19	53	17 0	945	928	12 30	17	45	·29	0	85·0
18	18 28	1070	1021	13 18	49	15 19	583	517	6 42	66	19 0	944	914	11 41	30	77	·49	0	85·1
19	17 50	1091	1011	10 52	80	17 49	577	497	7 20	80	18 48	959	926	12 28	33	139	·89	1	85·1
20	19 8	1065	997	11 15	68	13 15	564	503	8 30	61	17 10	944	930	12 0	**14**	85	·54	0	85·1
21	17 11	1108	995	11 49	113	16 5	**617**	510	5 41	107	18 3	**982**	924	11 0	58	276	1·76	1	85·1
22	18 50	1106	971	9 47	135	12 21	568	497	7 40	71	18 43	965	924	4 30	41	249	1·59	1	85·2
23	17 33	1098	987	10 30	111	14 20	570	510	5 10	60	17 55	960	922	10 50	38	174	1·11	1	85·2
24	17 43	1081	996	11 8	85	15 0	571	505	8 42	66	18 29	958	925	24 0	33	127	·81	1	85·3
25	18 11	1110	1001	13 0	109	18 9	583	485	23 29	98	18 35	950	920	23 1	30	224	1·43	1	85·3
26	21 29	1086	984	15 18	102	14 34	587	499	4 31	88	16 48	954	887	2 37 2 47	67	226	1·44	2	85·3
27	19 18	1117	976	12 19	**141**	15 15	590	483	21 48	107	17 42	957	890	23 40	67	358	2·28	2	85·3
28	18 59	1092	987	7 16	105	22 4	585	497	0 51	88	19 31	951	879	3 12	72	240	1·53	1	85·3
29	18 40	1081	1007	10 10	74	13 26	566	505	8 29	61	18 51	949	922	14 0	27	99	·63	1	85·4
30	17 38	1076	1002	11 10	74	17 38	558	505	8 28	53	19 39	946	925	0 17 12 40	21	87	·56	0	85·4
31	17 58	1067	1007	11 42	60	13 40	563	506	8 40	57	18 30	943	925	12 19	18	72	·46	0	85·5
Mean	—	1087	1002	—	84	—	576	500	—	76	—	955	919	—	36	157	—	0·65	85·0
No. of Days used.	—	30	30	—	30	—	29	29	—	29	—	30	30	—	30	29	—	31	31

† Mean of 29 days: 12th and 13th omitted. * Gas failed.

§ For explanation *see* page 107.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

242. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **August, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1046	1047	1047	1049	1048	1053	1051	1046	1034	1022	1008	1013	1023	1028	1034	1043	1051	1062	1066	1077	1059	1053	1058	1048	1042	1044
2	1042	1044	1043	1041	1042	1042	1043	1042	1034	1030	1018	1009	1011	1028	1041	1050	1063	1062	1068	1071	1061	1053	1053	1051	1047	1043
3	1047	1048	1052	1052	1052	1057	1054	1046	1034	1028	1022	1022	1033	1041	1062	1056	1076	1064	1072	1097	1072	1067	1067	1033	1048	1052
4	1048	1044	1049	1037	1044	1046	1037	1027	1014	1007	1008	1014	1022	1026	1033	1058	1054	1068	1064	1082	1076	1056	1051	1048	1048	1042
5	1049	1038	1038	1038	1049	1043	1035	1036	1033	1020	1005	995	998	1009	1024	1037	1040	1046	1057	1061	1058	1062	1054	1047	1045	1036
6	1045	1044	1044	1045	1042	1048	1045	1042	1032	1019	1016	1019	1025	1028	1035	1048	1050	1058	1061	1068	1064	1068	1069	1047	1040	1045
7 D	1040	1042	1050	1051	1054	1059	1060	1037	1016	977	974	993	999	1001	1056	1056	1053	1051	1050	1057	1056	1057	1049	1064	1056	1038
8 D	1056	1034	1030	1043	1038	1015	1013	1029	1005	989	982	985	1000	1004	1044	1040	1052	1059	1064	1060	1047	1048	1058	1055	1028	1031
9	1028	1043	1032	1015	1023	1043	1038	1037	1030	1009	976	988	1008	1004	1019	1036	1048	1048	1065	1057	1054	1049	1053	1066	1046	1032
10	1046	1035	1039	1035	1039	1043	1026	1026	1030	1019	1000	1003	1007	1015	1025	1038	1052	1055	1056	1062	1052	1054	1049	1045	1045	1036
11 Q	1045	1043	1043	1047	1044	1043	1043	1038	1034	1028	1018	1013	1010	1015	1025	1039	1043	1053	1051	1054	1055	1050	1047	1047	1044	1039
12 Q	1044	1044	1044	1044	1044	1042	1041	1041	1034	1024	1014	1016	1011	1013	1026	1043	1053	1058	1055	1058	1055	1053	1048	1048	1048	1040
13 Q	1048	1047	1046	1044	1047	1050	1048	1039	1032	1019	1004	1003	1013	1025	1037	1050	1050	1049	1050	1058	1054	1049	1048	1048	1047	1040
14	1048	1048	1048	1049	1054	1055	1055	1054	1049	1040	1025	1021	1025	1034	1047	1054	1058	1056	1064	1058	1058	1053	1046	1042	1050	1048
15 Q	1050	1049	1045	1049	1049	1049	1048	1039	1034	1027	1024	1016	1023	1030	1035	1044	1044	1055	1059	1063	1059	1056	1054	1049	1045	1044
16	1045	1049	1048	1049	1049	1049	1045	1044	1039	1033	1022	1019	1020	1031	1039	1043	1048	1060	1068	1076	1074	1076	1069	1067	1064	**1049**
17	1064	1061	1060	1056	1058	1058	1052	1048	1040	1034	1016	1014	1014	1040	1051	1040	1025	1065	1041	1059	1054	1053	1051	1058	1049	1046
18 D	1049	1053	1054	1058	1055	1041	1049	1039	1030	1024	1009	1010	1018	1024	1041	1029	1055	1050	1054	1065	1060	1068	1039	1053	1039	1043
19	1039	1046	1021	1035	1043	1040	1035	1035	1019	1012	1025	1028	1024	1032	1035	1043	1049	1048	1053	1054	1048	1049	1047	1047	1054	1038
20	1054	1044	1040	1039	1042	1043	1039	1035	1030	1019	996	1003	1001	1009	1025	1031	1044	1050	1051	1056	1054	1045	1044	1044	1041	1035
21	1041	1044	1044	1043	1044	1044	1039	1031	1020	1006	995	996	1014	1016	1032	1035	1039	1049	1058	1055	1053	1053	1060	1072	1071	1037
22 D	1072	1049	1055	1036	1050	1051	1051	1044	1026	1015	1010	1010	1009	1020	1025	1074	1056	1060	1075	1049	1066	1065	1056	1077	1030	1045
23 D	1030	1035	1075	1052	1001	993	970	1000	990	975	966	978	1030	1031	1040	1050	1074	1068	1070	1059	1046	1049	1049	1061	1055	**1029**
24	1055	1049	1049	1050	1046	1041	1044	1040	1022	1005	989	989	987	1012	1031	1049	1046	1051	1054	1070	1060	1045	1045	1045	1049	1036
25	1049	1044	1049	1039	1040	1044	1044	1036	1030	1015	1003	1008	1007	1020	1021	1039	1042	1055	1070	1065	1052	1055	1064	1072	1069	1041
26	1069	1043	1055	1055	1051	1048	1044	1039	1032	1020	1005	1001	1007	1009	1010	1035	1041	1053	1059	1050	1050	1050	1067	1050	1043	1039
27	1043	1048	1043	1050	1047	1046	1044	1036	1027	1018	1006	1005	1006	1015	1030	1031	1036	1046	1055	1055	1051	1050	1050	1050	1054	1037
28 Q	1054	1051	1045	1045	1046	1045	1042	1040	1035	1030	1020	1011	1006	1012	1027	1035	1041	1045	1060	1065	1057	1055	1059	1056	1050	1041
29	1050	1051	1050	1046	1045	1042	1040	1035	1027	1021	1012	1016	1013	1016	1027	1033	1053	1056	1056	1065	1061	1057	1060	1056	1052	1041
30	1052	1051	1061	1050	1039	1041	1037	1032	1020	1016	1015	996	1016	1021	1026	1031	1043	1050	1047	1051	1051	1050	1047	1047	1044	1037
31	1044	1042	1042	1045	1045	1046	1045	1038	1027	1012	996	990	995	1008	1029	1033	1045	1056	1066	1033	1048	1048	1045	1049	1056	1035
Mean.	1048	1045	1046	1045	1044	1044	1041	1037	1028	1017	**1006**	1006	1012	1020	1033	1043	1049	1055	1059	**1062**	1057	1055	1053	1053	1048	1040

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

243. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **August, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	536	536	532	533	519	511	511	509	504	511	526	544	562	564	560	557	552	544	538	535	536	537	539	532	534	534
2	534	538	529	525	530	518	509	510	510	511	525	538	550	557	557	554	548	530	531	537	538	538	542	538	537	533
3	537	532	531	530	530	519	511	511	510	511	524	542	556	564	576	565	565	552	550	565	538	543	517	511	524	537
4	524	532	542	512	517	506	503	505	504	511	523	550	570	576	565	568	556	552	544	531	525	528	530	524	550	534
5	550	536	538	536	525	511	508	504	503	510	524	536	556	564	569	564	551	543	537	538	536	536	537	536	536	535
6	536	538	542	536	524	523	517	510	503	497	505	530	548	558	570	576	572	552	545	544	541	542	530	517	509	535
7 D	509	511	517	524	524	519	516	517	530	523	536	548	559	593	612	601	569	556	556	552	540	532	524	513	485	**540**
8 D	485	473	512	548	523	526	530	505	492	499	511	529	556	583	603	571	566	568	556	546	547	536	534	543	531	536
9	531	524	543	530	529	517	510	504	507	511	523	530	538	545	552	559	560	556	553	542	536	538	530	523	523	533
10	523	532	536	525	521	525	523	519	512	506	517	521	529	546	557	556	550	548	543	543	537	536	531	532	530	532
11 Q	530	529	530	529	529	525	524	519	511	511	512	523	535	548	553	552	545	544	542	542	540	539	538	537	534	533
12 Q	534	534	531	525	523	517	517	512	511	511	523	529	533	544	550	550	545	544	543	543	539	537	537	537	537	532
13 Q	537	537	537	531	529	518	518	505	505	510	517	530	544	558	564	562	550	539	536	536	538	538	537	536	534	533
14	534	530	530	530	530	518	516	512	511	510	513	531	552	564	576	570	557	549	544	544	544	543	540	535	536	537
15 Q	536	531	530	524	524	519	516	514	512	519	531	542	552	563	562	555	543	536	536	540	537	537	536	536	530	535
16	530	530	529	529	526	521	517	514	511	517	524	542	558	571	570	564	552	551	550	549	543	550	539	543	538	539
17	538	536	530	528	524	517	515	517	512	517	530	548	558	570	572	566	557	558	542	545	543	536	529	511	517	537
18 D	517	523	532	521	518	532	519	516	509	510	525	542	555	565	569	551	557	540	544	543	523	517	519	525	501	532
19	501	497	518	530	523	517	513	511	516	517	530	549	556	559	563	556	546	536	530	530	529	530	531	532	538	531
20	538	530	529	526	524	524	518	512	510	510	506	530	550	559	558	550	544	536	530	530	525	529	531	530	530	530
21	530	536	532	526	525	519	512	505	499	504	523	538	556	557	563	550	542	538	540	538	536	534	536	519	514	531
22 D	514	523	530	536	530	517	509	503	509	523	538	550	563	578	574	585	576	564	562	517	525	524	512	548	495	538
23 D	495	513	476	503	544	563	558	526	536	531	537	542	551	563	554	540	540	542	546	544	536	536	536	532	531	536
24	531	521	521	524	512	511	504	499	492	498	519	544	557	577	574	564	548	538	532	523	524	531	530	530	546	530
25	546	532	526	519	515	517	507	500	497	499	515	531	552	571	569	566	550	544	550	545	543	544	534	499	512	531
26	512	530	534	521	516	514	511	505	499	498	509	519	543	564	558	552	549	547	544	537	530	536	519	524	519	528
27	519	523	530	524	523	519	511	504	503	503	511	524	542	556	560	554	543	543	543	539	537	537	532	530	524	530
28 Q	524	517	519	523	523	517	511	499	493	495	504	521	535	544	550	548	544	540	544	547	545	545	536	536	526	**527**
29	526	526	524	523	523	518	513	505	497	504	517	538	554	557	557	546	549	545	545	546	546	544	542	537	530	533
30	531	547	492	486	512	512	512	506	505	512	529	545	557	560	557	545	537	530	526	537	537	531	533	535	533	528
31	533	533	530	525	524	520	513	505	499	500	513	530	546	553	551	535	531	531	538	543	531	525	531	531	531	528
Mean.	526	527	527	525	524	520	515	509	**507**	509	521	536	551	562	**565**	559	551	545	543	540	536	536	532	529	526	533

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268-279.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

244. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **August, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	936	933	933	932	933	936	936	934	940	933	928	928	927	924	928	936	941	946	953	953	946	941	933	935	933	936
2	932	930	931	932	935	936	935	935	928	927	924	923	923	923	924	931	932	943	944	940	939	937	935	935	935	932
3	935	932	933	934	935	935	935	933	930	927	927	923	919	923	926	932	933	940	936	939	945	940	911	910	920	930
4	919	910	909	926	934	935	936	934	931	923	918	910	912	921	929	939	947	947	947	946	947	943	940	932	922	931
5	921	925	929	931	933	934	938	934	933	927	925	920	917	917	924	933	941	945	951	941	937	937	935	933	933	932
6	933	933	932	933	937	939	938	938	938	933	921	917	917	918	918	925	929	939	942	942	938	933	931	930	929	931
7 D	928	924	928	932	934	937	935	937	932	929	924	924	925	932	946	964	979	976	963	961	957	950	937	911	911	**940**
8 D	910	907	906	894	872	888	891	911	927	927	929	932	926	929	936	956	959	958	959	958	950	945	935	919	920	926
9	920	910	908	910	914	923	931	935	932	931	931	931	931	931	932	939	941	945	946	950	949	944	940	935	932	932
10	932	931	916	919	923	929	928	931	932	936	935	933	932	924	931	940	944	948	948	945	948	944	940	938	936	935
11 Q	935	935	935	936	939	939	939	942	943	943	939	931	924	922	926	935	939	943	944	944	943	939	939	939	939	937
12 Q	938	935	935	935	938	938	938	938	938	938	934	930	927	927	929	937	938	939	938	938	938	938	938	937	935	936
13 Q	935	935	934	935	936	939	942	942	942	942	935	930	922	925	929	933	933	938	941	941	938	938	938	938	938	936
14	937	937	936	937	937	937	937	937	934	932	929	928	924	916	916	925	937	942	943	942	938	941	941	941	937	934
15 Q	937	934	937	937	937	938	937	934	932	930	925	924	917	923	932	938	941	940	934	933	937	937	937	937	937	934
16	936	935	934	935	936	936	936	936	936	932	927	922	918	911	915	923	931	932	929	928	928	928	931	932	932	929
17	932	932	932	932	932	935	936	936	936	932	928	924	924	924	928	943	952	958	965	949	944	944	944	936	935	937
18 D	934	932	931	930	931	931	932	935	935	935	931	929	927	928	937	960	965	964	952	948	948	932	931	924	914	937
19	913	902	901	909	922	929	934	934	931	930	930	926	928	931	931	934	937	936	937	938	938	937	935	935	930	929
20	930	922	926	930	933	935	938	938	937	931	925	922	918	919	926	937	942	942	939	938	939	938	938	934	934	932
21	934	934	934	938	938	939	942	943	943	938	929	925	922	929	934	942	944	942	939	938	936	934	934	930	922	936
22 D	922	922	925	927	926	934	934	934	930	926	921	914	917	921	930	934	942	947	951	967	955	943	942	892	854	930
23 D	853	865	828	773	794	815	857	862	891	907	918	930	933	934	943	945	941	942	941	941	938	936	934	933	933	**900**
24	933	933	936	934	933	937	938	938	938	937	933	928	924	924	932	941	946	946	943	941	941	938	937	937	930	936
25	930	929	926	929	933	937	941	941	938	937	933	929	925	928	932	938	941	941	941	942	943	941	937	924	929	935
26	928	931	923	920	923	929	932	932	928	923	918	915	915	915	923	930	936	940	942	945	945	943	936	924	928	929
27	928	929	931	932	936	936	938	941	941	937	927	923	919	919	928	937	944	944	941	941	940	937	936	936	934	934
28 Q	934	932	933	936	936	937	939	940	940	933	928	927	923	921	927	932	932	932	933	936	937	936	936	936	936	933
29	936	936	936	936	936	937	940	942	940	932	927	926	923	921	924	924	928	931	932	936	940	937	936	937	936	933
30	935	930	901	908	922	931	931	934	932	927	919	919	919	924	935	939	940	940	936	936	936	938	936	935	935	929
31	935	934	934	935	935	936	939	943	940	937	930	924	919	924	933	940	941	939	936	940	944	944	940	939	931	936
Mean	928	926	924	923	926	930	932	934	934	931	927	925	**922**	923	929	937	942	**944**	943	943	942	939	936	931	928	932

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

245. Eskdalemuir. **August, 1925.**

Day.	Terrestrial Magnetic Force. North Component. Maximum 15,000 γ +		North Component. Minimum 15,000 γ +		North Range.	West Component. Maximum 4,000 γ +		West Component. Minimum 4,000 γ +		West Range.	Vertical Component. Maximum 44,000 γ +		Vertical Component. Minimum 44,000 γ +		Vertical Range.	Character Figures.§ ΣR²	Character Figures.§ ρ	Magnetic Character of Day (0–2).	Temperature in Magnet House 200+
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	100γ²			a.
1	18 49	1092	1005	10 20	87	13 10	571	501	8 28	70	18 18	954	923	12 59	31	134	·70	1	85·5
2	17 50	1077	1003	11 30	74	13 4	558	504	6 18	54	17 20	944	922	12 48	22	89	·46	0	85·5
3	18 52	1124	1016	10 30	108	14 6	594	491	21 58	103	19 47	948	892	22 23	56	254	1·32	1	85·6
4	19 24	1093	1000	9 41	93	12 22	589	490	7 26	99	17 25	948	905	1 49	43	203	1·06	1	85·5
5	18 50	1070	992	11 10	78	14 19	571	491	7 42	80	18 10	955	916	11 40	39	140	·73	1	85·5
6	22 7	1084	1014	8 54 } 9 51 }	70	14 21	581	491	8 59	90	18 0	942	917	11 39	25	136	·71	1	85·6
7	22 42	1096	965	9 43	131	13 49	**623**	483	24 0	140	16 15	**986**	908	23 21	78	428	2·23	1	85·6
8	21 58	1105	974	9 27	131	14 8	621	**458**	1 1	**163**	18 31	961	868	4 10	93	524	2·73	1	85·7
9	18 11	1078	968	10 16	110	16 10	570	485	7 28	85	19 20	952	906	2 30	46	214	1·12	1	85·7
10	17 28	1073	994	10 48	79	13 47	560	504	9 2	56	18 0	948	915	1 51	33	105	·55	1	85·7
11	19 48	1059	1005	11 52	54	14 40	558	505	8 39	53	8 35	944	922	13 10	22	63	·33	0	85·8
12	17 12	1059	1009	11 58	**50**	14 16	553	504	8 11	**49**	16 42	942	925	12 20	**17**	52	·27	0	85·7
13	18 58	1063	999	10 40	64	13 20	564	503	7 56	61	8 40	942	921	12 13	21	83	·43	0	85·8
14	18 17	1073	1019	11 40	54	14 11	578	505	8 47	73	17 49	945	916	13 46	29	91	·47	1	85·8
15	18 57	1069	1013	10 45	56	13 20	564	511	7 40	53	16 3	942	916	12 12	26	66	·34	0	85·9
16	19 11	1089	1017	11 29	72	13 22	578	511	8 12	67	5 0	936	911	13 2	25	103	·54	0	85·9
17	17 18	1084	1001	11 31	83	14 11	583	495	23 25	88	17 48	966	923	13 10	43	165	·86	1	85·9
18	20 52	**1125**	999	13 17	126	13 58	586	472	20 46	114	16 25	970	914	24 0	56	320	1·67	1	85·9
19	18 44	1064	1000	8 21	64	11 21	565	491	0 4	74	19 10	939	900	1 35	39	111	·58	1	85·9
20	19 8	1061	989	10 0	72	13 38	565	504	10 2	61	16 20	942	917	12 29	25	95	·50	0	85·9
21	23 30	1081	990	10 33	91	13 39	567	497	7 40	70	7 35	946	922	12 0	24	138	·72	1	85·9
22	14 52	1114	1005	11 49	109	14 51	605	488	23 49	117	19 3	969	845	23 44 } 24 0 }	124	409	2·13	2	85·9
23	19 8	1105	**945**	6 4	**160**	4 22	614	**458**	1 53	156	14 50	946	**764**	3 18	**182**	831	4·33	2	85·9
24	18 53	1080	980	11 50	100	12 46	578	491	8 23	87	17 20	949	921	12 38	28	184	·96	1	86·0
25	22 38	1100	997	9 59	103	13 16	577	491	23 22	86	19 40	945	921	22 50	24	186	·97	1	86·0
26	22 5	1091	996	13 33	95	13 0	568	494	9 29	74	19 30	946	914	12 22	32	155	·81	1	86·0
27	23 59	1060	1002	10 22	58	13 38	564	497	8 15	67	16 30	945	918	12 50	27	86	·45	0	86·1
28	18 33	1072	1005	12 25	67	13 56	550	491	8 0	59	7 10	940	920	12 49	20	84	·44	0	86·1
29	19 1	1080	1005	11 56	75	14 0	570	495	8 11	75	7 30	943	920	12 40	23	118	·61	1	86·1
30	2 24	1072	976	11 21	96	13 17	573	472	2 40	101	16 0	941	898	2 23	43	213	1·11	1	86·1
31	16 20	1101	987	11 8	114	16 20	559	498	8 0	61	20 50	944	919	11 48	25	173	·90	1	86·1
Mean.	—	1084	996	—	88	—	576	493	—	83	—	949	906	—	43	192	—	0·77	85·8
No. of days used.	—	31	31	—	31	—	31	31	—	31	—	31	31	—	31	31	—	31	31

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

§ For explanation see page 107.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

246. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **September, 1925.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 D	1056	1040	1044	1044	1045	1050	1042	1036	1022	1011	1011	1020	1030	1034	1036	1037	1043	1046	1093	1108	1080	1076	1020	1037	1044	**1044**
2	1045	1044	1017	1023	997	995	1027	1028	1006	984	967	956	957	998	1016	1016	1017	1018	1031	1041	1043	1041	1041	1036	1038	1014
3	1038	1033	1037	1026	1023	1023	1037	1035	1017	1002	988	1007	1002	1026	1036	1043	1047	1058	1049	1043	1054	1053	1048	1053	1041	1033
4	1041	1041	1032	1031	1034	1036	1033	1022	1016	1006	994	994	995	1007	1013	1028	1027	1053	1047	1046	1046	1046	1051	1048	1048	1029
5	1048	1051	1041	1041	1042	1046	1028	1026	1021	1003	995	1002	1009	1015	1027	1031	1033	1044	1043	1053	1067	1059	1046	1045	1045	1034
6	1045	1046	1046	1051	1052	1044	1042	1033	1023	1011	1010	1012	1021	1028	1036	1033	1037	1046	1059	1053	1056	1053	1069	1060	1054	1040
7	1054	1041	1060	1032	1048	1051	1056	1032	1022	1008	1001	1003	1005	1008	1026	1047	1058	1039	1046	1047	1041	1035	1034	1035	1033	1034
8	1033	1036	1036	1037	1037	1033	1034	1027	1016	1003	996	996	1001	1008	1020	1028	1031	1041	1041	1045	1045	1046	1046	1040	1038	1028
9	1038	1037	1037	1037	1039	1037	1036	1031	1026	1015	1006	1006	1003	1017	1020	1027	1037	1046	1057	1047	1040	1034	1036	1045	1029	1031
10 Q	1029	1037	1045	1037	1037	1037	1036	1031	1026	1017	1007	1006	1007	1019	1028	1032	1036	1038	1045	1045	1045	1046	1046	1046	1046	1033
11 Q	1046	1046	1046	1043	1042	1041	1038	1037	1023	1019	1012	1007	1007	1021	1023	1034	1041	1046	1047	1047	1047	1047	1047	1047	1047	1036
12 Q	1047	1047	1047	1047	1047	1046	1043	1040	1033	1023	1010	1010	1004	1017	1028	1042	1050	1045	1047	1051	1056	1056	1050	1051	1051	1039
13	1051	1051	1046	1046	1046	1045	1041	1039	1034	1032	1018	1012	1013	1021	1026	1033	1041	1047	1051	1051	1061	1060	1050	1058	1060	1041
14 D	1060	1060	1061	1058	1060	1056	1050	1052	1030	988	997	1019	1020	1012	1011	1027	1024	1020	1051	1035	1029	1032	1002	1012	1022	1031
15 D	1022	1037	979	1003	1002	1013	1006	1022	996	1001	968	982	983	987	1003	1028	1065	1051	1037	1019	1033	1034	1052	1046	1028	1015
16	1028	1017	1027	1028	1032	1025	1011	1018	1022	1017	987	957	1011	1017	1011	1027	1031	1036	1033	1037	1037	1046	1044	1051	1046	1023
17	1046	1033	1017	1021	1027	1032	1011	1027	1022	998	994	983	992	999	1027	1026	1040	1032	1032	1033	1051	1037	1037	1033	1031	1023
18	1031	1036	1036	1035	1032	1028	1034	1031	1022	1017	996	988	989	1008	1021	1017	1026	1027	1036	1040	1048	1056	1036	1039	1039	1026
19	1039	1040	1040	1041	1041	1039	1037	1032	1022	1017	1008	1009	1007	1012	1018	1026	1031	1036	1037	1042	1043	1042	1043	1049	1039	1031
20	1039	1040	1038	1041	1041	1037	1031	1035	1030	1003	997	998	1007	1017	1025	1032	1034	1041	1044	1051	1051	1041	1045	1045	1044	1032
21 D	1044	1042	1051	1056	1066	1048	993	887	962	997	987	983	977	976	979	992	1004	1021	1022	1033	1014	1019	1018	1019	1014	**1007**
22	1014	1014	1016	1016	1017	1018	1018	1009	986	985	977	977	984	1009	1007	1007	1038	1023	1034	1031	1039	1051	1066	1035	1021	1016
23	1021	1023	1029	1031	1021	1032	1027	1022	1007	992	987	988	984	1006	1022	1031	1028	1031	1036	1038	1039	1032	1035	1023	1037	1021
24 D	1037	1037	1051	1016	1023	1046	1007	972	943	970	982	959	957	983	1012	1022	1046	1072	1026	1012	1022	1017	992	1002	1012	1008
25	1012	1016	1013	1016	1021	1021	1021	1016	996	1008	999	1005	1010	1007	1006	1018	1021	1028	1041	1027	1031	1031	1032	1032	1032	1018
26	1032	1031	1031	1031	1031	1031	1027	1027	1027	1022	1012	1013	1013	1009	1015	1021	1032	1037	1033	1048	1042	1032	1041	1046	1043	1029
27	1043	1031	1032	1032	1032	1033	1032	1031	1023	1013	1007	1003	1008	1012	1016	1017	1022	1027	1032	1037	1041	1039	1039	1041	1037	1027
28	1037	1037	1037	1037	1037	1038	1037	1037	1037	1032	1026	1021	1017	1018	1023	1027	1028	1032	1039	1041	1041	1040	1042	1037	1041	1033
29 Q	1041	1038	1043	1041	1039	1037	1036	1034	1031	1024	1013	1012	1012	1014	1018	1022	1031	1035	1041	1041	1045	1037	1040	1039	1040	1032
30 Q	1040	1043	1041	1041	1042	1041	1041	1037	1027	1017	1002	997	997	1002	1011	1026	1037	1036	1037	1041	1038	1039	1041	1041	1041	1030
Mean.	1039	1037	1036	1035	1035	1035	1030	1024	1016	1008	998	**997**	1001	1010	1019	1027	1035	1038	1042	1043	**1044**	1043	1040	1040	1038	1028

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

247. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **September, 1925.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 D	531	525	527	526	533	520	513	505	498	505	520	538	553	558	553	540	533	531	553	559	512	459	505	527	525	526
2	525	508	453	414	461	490	478	484	478	493	518	537	553	558	551	541	531	525	525	525	531	531	531	525	528	**511**
3	528	525	525	525	525	524	517	510	500	505	510	531	552	565	571	563	546	531	517	543	543	531	525	527	526	531
4	526	531	524	539	516	510	504	505	498	506	525	539	552	559	556	559	545	536	538	538	538	535	538	533	530	**531**
5	530	530	520	525	526	514	511	506	506	515	525	544	559	565	559	550	539	535	533	518	524	510	518	522	531	529
6	531	532	518	527	505	506	505	504	502	505	525	545	552	558	558	547	538	534	538	535	538	537	520	502	511	527
7	511	513	520	506	517	492	492	491	502	510	526	541	567	569	569	564	546	527	505	497	527	526	531	512	531	524
8	531	526	525	524	519	518	514	506	505	506	513	525	538	545	544	535	527	528	530	531	531	533	531	524	520	525
9	520	520	518	518	517	513	511	505	500	500	512	533	543	558	558	550	537	530	520	518	519	517	512	493	511	522
10 Q	511	520	525	514	519	518	512	506	500	500	511	526	544	553	551	540	531	530	531	532	533	531	531	531	527	525
11 Q	527	525	522	522	518	513	511	504	501	512	526	543	551	558	553	545	538	531	531	532	532	532	531	531	530	529
12 Q	530	526	525	525	525	524	518	512	506	512	518	531	539	551	546	544	538	531	532	538	539	533	531	532	531	529
13	531	531	526	525	524	520	518	512	510	511	518	533	545	551	551	545	538	537	531	532	538	543	538	535	533	531
14 D	533	531	526	524	532	531	524	524	524	527	546	534	543	546	551	553	551	519	529	485	440	486	477	464	425	519
15 D	425	405	506	525	512	512	520	517	525	518	525	538	547	551	553	545	527	513	498	500	510	518	514	514	478	514
16	478	512	518	518	526	525	538	513	498	511	518	506	536	544	543	539	533	525	518	525	524	520	512	543	524	523
17	524	520	512	500	537	514	539	511	510	510	530	537	551	563	559	539	526	518	518	524	503	510	523	524	525	525
18	525	524	522	525	520	518	518	512	510	511	525	538	553	553	555	541	532	520	525	525	513	519	520	524	525	526
19	525	525	524	521	522	521	518	528	512	520	531	545	552	553	551	545	537	514	520	525	525	522	520	525	524	528
20	524	525	524	520	519	518	522	517	506	506	533	539	547	550	549	543	532	531	532	531	520	524	525	525	525	528
21 D	525	524	535	531	511	512	525	486	539	540	520	535	541	538	531	532	526	530	526	531	531	518	518	517	512	526
22	512	512	511	510	509	508	505	495	505	526	531	541	545	557	554	531	525	530	531	514	513	525	505	502	506	521
23	506	518	512	508	518	512	511	504	499	500	519	531	538	545	544	537	530	527	526	525	525	520	474	512	518	519
24 D	518	525	525	518	525	525	510	522	500	527	531	537	545	558	543	547	537	497	505	505	510	484	440	492	511	518
25	511	512	510	505	499	499	498	497	492	505	513	525	533	527	530	525	526	514	520	531	526	525	525	520	519	515
26	519	518	517	514	512	512	511	506	505	506	518	526	531	532	537	537	538	531	524	527	520	525	530	513	537	522
27	537	516	512	517	517	513	513	512	504	500	508	520	533	538	537	531	525	525	525	525	520	526	524	524	519	521
28	519	524	519	519	518	518	517	512	508	506	512	519	531	539	537	531	525	525	531	518	525	524	518	524	531	522
29 Q	531	525	525	518	518	514	512	508	504	500	508	524	533	538	537	533	526	524	525	525	526	525	525	525	525	522
30 Q	525	525	524	524	520	518	513	511	504	500	512	525	543	549	542	537	530	518	520	520	520	524	525	525	525	523
Mean.	519	518	518	516	517	514	513	507	**505**	510	521	533	545	**551**	549	542	534	526	525	521	522	524	517	519	519	524

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

248. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **September, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 D	931	931	931	932	931	935	940	944	943	937	928	923	920	924	931	936	939	937	932	940	995	955	941	948	944	938
2	943	908	847	866	844	846	901	933	939	939	935	931	931	932	936	940	947	947	943	940	939	939	940	940	939	**921**
3	939	939	939	936	934	934	937	939	941	935	933	930	934	942	944	943	952	964	973	952	944	944	947	939	939	942
4	939	939	931	930	930	935	937	939	937	933	927	928	928	931	939	943	947	948	942	936	935	939	935	937	936	936
5	936	932	934	935	935	936	939	939	935	927	922	922	922	934	939	939	939	943	943	944	942	939	937	935	934	935
6	934	926	925	922	922	930	934	935	932	930	923	925	922	923	930	935	938	939	939	939	939	938	937	930	928	931
7	928	926	922	919	914	921	923	930	930	930	927	925	922	931	935	947	970	990	994	979	961	955	936	930	935	939
8	935	939	942	943	943	943	943	947	947	939	939	935	931	934	935	939	939	942	940	940	941	939	939	940	941	940
9	941	942	942	940	941	942	943	943	939	934	931	930	937	928	936	944	947	949	956	955	953	948	944	930	928	941
10 Q	928	934	930	933	939	940	943	944	942	939	932	926	919	921	930	936	939	939	939	939	939	939	939	939	939	936
11 Q	939	939	939	939	939	940	943	943	943	938	934	929	930	930	934	935	939	939	938	936	937	939	939	939	939	937
12 Q	939	939	939	939	939	939	940	943	942	939	935	934	926	926	930	935	939	939	937	938	938	939	939	939	939	937
13	939	939	939	939	939	939	939	942	939	939	934	927	922	923	931	936	939	939	939	939	936	935	939	939	939	936
14 D	938	937	935	934	929	923	920	921	921	924	929	925	924	925	934	938	963	985	975	994	989	952	913	866	844	935
15 D	844	773	801	849	887	899	904	921	921	921	929	933	941	951	958	972	995	994	1002	988	961	949	937	911	907	924
16	907	922	934	934	929	930	934	942	943	938	939	946	950	948	953	950	950	951	951	947	946	946	942	926	917	940
17	917	895	891	892	892	900	908	913	921	929	929	934	942	951	952	955	954	951	951	946	946	946	942	939	939	929
18	939	941	942	942	938	939	941	942	941	942	941	934	927	929	938	946	951	951	946	945	946	938	942	942	942	941
19	942	942	942	942	942	942	942	942	942	938	933	929	933	937	938	945	948	955	954	947	947	946	943	938	938	942
20	938	940	942	940	941	942	942	938	937	938	930	929	927	932	938	943	943	938	938	940	943	943	942	941	939	939
21 D	939	940	939	927	914	913	903	875	872	896	913	926	934	947	948	953	953	948	947	951	959	961	957	953	952	932
22	952	952	951	951	951	951	951	951	950	942	938	938	937	938	946	963	968	956	953	957	956	938	921	917	929	947
23	929	935	940	942	942	940	942	943	944	942	939	938	938	942	942	942	943	943	946	947	947	950	938	920	931	941
24 D	931	938	925	896	865	869	875	899	918	927	938	940	942	946	975	972	999	1022	1015	994	969	941	896	921	937	938
25	937	943	946	943	946	950	954	954	955	954	952	950	947	952	955	955	959	960	961	954	952	950	950	950	950	**951**
26	950	948	948	948	949	948	950	950	946	942	938	938	934	935	938	939	944	951	954	954	955	951	949	946	932	946
27	932	941	946	946	946	946	946	946	947	947	942	938	935	935	942	943	946	946	946	946	946	946	946	946	946	944
28	946	946	946	946	944	945	946	946	947	950	946	943	939	934	934	938	942	942	943	946	946	946	946	946	942	944
29 Q	942	939	938	938	939	942	942	945	947	947	943	938	934	936	939	942	942	942	941	941	942	943	943	943	943	941
30 Q	943	942	942	942	942	942	942	943	944	942	938	929	925	922	929	937	942	943	942	942	942	943	942	942	942	939
Mean	933	930	929	929	**928**	930	933	936	937	936	934	932	931	935	940	945	951	**953**	953	951	950	945	939	934	934	938

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

249. Eskdalemuir. **September, 1925.**

Day.	Terrestrial Magnetic Force.															Character Figures. §		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	North Component.					West Component.					Vertical Component.								
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	ΣR²	ρ		
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	100γ²			a.
1	20 42	**1184**	967	21 8	217	19 40	584	**354**	20 25	**230**	20 20	**1076**	919	11 35	157	1246	4·05	2	86·1
2	0 44	1071	922	11 40	149	11 29	572	392	2 21	180	16 47	947	829	4 44	118	685	2·23	2	86·1
3	17 11	1076	971	9 58	105	13 49	577	492	17 45	85	17 50	977	929	9 32	48	206	·67	1	86·1
4	16 58	1063	990	10 40	73	13 23	571	492	8 9	79	16 48	952	926	11 28	26	122	·40	1	86·2
5	20 8	1076	991	10 22	85	12 32	571	499	19 12	72	19 22	947	921	11 48	26	131	·43	1	86·2
6	22 20	1086	1006	9 5	80	14 7	563	491	7 31	72	18 50	940	919	3 20	21	120	·39	1	86·2
7	22 12	1071	992	12 36	79	12 52	577	484	6 32	93	18 2	998	912	4 0	86	223	·72	1	86·3
8	20 48	1052	993	10 40	59	14 2	551	502	8 1	49	7 10	948	931	12 19	17	62	·20	0	86·3
9	22 32	1062	997	11 40	65	13 32	565	491	22 30	74	17 55	957	926	23 28	31	107	·35	1	86·2
10	23 29	1052	1003	11 36	49	13 0	557	497	8 11	60	7 0	944	918	12 22	26	67	·22	0	86·2
11	23 38	1051	1000	11 39	51	12 22	560	498	7 23	62	7 30	944	926	11 24	18	68	·22	0	86·2
12	20 52	1061	997	11 9	64	12 42	555	506	7 45	49	7 20	943	924	12 42	19	69	·22	0	86·2
13	19 58	1070	1007	11 18	63	13 31	552	505	8 40	47	7 5	943	921	12 3	22	67	·22	0	86·3
14	23 18	1090	932	22 59	158	15 51	577	392	19 32	185	19 22	1036	844	24 0	192	961	3·12	2	86·3
15	17 30	1102	943	2 2	159	14 16	566	378	1 19	188	17 28	1018	**764**	1 16	**254**	1251	4·07	2	86·3
16	21 29	1088	951	11 13	137	22 37	559	478	0 1	81	14 20	954	908	0 1	46	274	·89	1	86·3
17	19 56	1061	963	11 41	98	12 24	571	492	2 58	79	14 38	957	882	1 25	75	215	·70	1	86·3
18	20 42	1082	966	11 22	116	14 18	559	497	20 11	62	16 32	954	926	12 30	28	181	·59	1	86·3
19	22 51	1057	1006	11 53	51	12 30	559	506	17 4	53	17 10	956	929	11 0	27	61	·20	0	86·3
20	19 3	1056	992	10 21	64	12 52	557	504	8 44	53	20 39	946	926	12 2	20	73	·24	0	86·2
21	2 20	1121	**833**	7 16	**288**	2 20	**605**	432	6 52	173	20 30	963	862	7 30	101	1231	4·00	2	86·3
22	21 2	1097	961	10 38	136	13 10	578	472	21 41	106	15 45	971	913	22 20	58	331	1·07	1	86·3
23	20 19	1046	977	11 35	69	13 26	546	459	21 44	87	20 57	950	915	23 1	35	136	·44	1	86·2
24	16 32	1136	925	8 8	211	13 7	573	427	22 2	146	16 49	1027	841	3 30	186	1004	3·26	2	86·2
25	17 42	1061	991	7 41	70	12 41	543	486	7 10	57	17 39	964	937	0 1	27	89	·29	1	86·2
26	23 35	1076	1007	13 40	69	23 45	552	503	6 52	49	18 9	955	930	24 0	25	78	·25	1	86·2
27	19 48	1046	1000	10 49	46	13 2	539	498	9 1	41	7 56	949	930	0 1	19	42	·14	0	86·1
28	19 11	1050	1012	12 22	**38**	13 43	541	502	7 48	**39**	9 10	950	932	13 30	18	33	·11	0	86·1
29	19 54	1051	1010	10 38	41	12 52	541	498	8 19	43	8 19	948	933	12 19	**15**	38	·12	0	86·1
30	0 58	1045	997	11 30	48	13 22	551	498	8 46	53	16 8	946	921	12 43	25	57	·19	0	86·1
Mean	—	1075	977	—	98	—	562	474	—	88	—	965	906	—	59	308	—	0·83	86·2
No. of Days used.	—	30	30	—	30	—	30	30	—	30	—	30	30	—	30	30	—	30	30

§ For explanation see page 107. Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Table 268–279.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

250. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **October, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1041	1040	1040	1038	1061	1060	1052	1047	1036	1026	1016	1013	1020	1027	1031	1035	1036	1044	1045	1046	1059	1051	1047	1047	1039	**1040**
2Q	1039	1036	1037	1038	1036	1037	1045	1030	1032	1023	1010	1001	1004	1014	1022	1031	1037	1040	1040	1041	1041	1041	1041	1041	1041	1032
3Q	1040	1040	1040	1040	1039	1038	1035	1033	1028	1022	1013	1006	1007	1015	1027	1034	1039	1041	1044	1049	1050	1047	1044	1043	1036	1034
4	1036	1041	1049	1046	1044	1038	1042	1034	1027	1025	1010	1007	1010	1018	1024	1023	1035	1032	1041	1036	1022	1024	1065	1020	1035	1031
5	1035	1031	1034	1035	1031	1034	1042	1020	1030	1011	976	986	984	981	988	1020	1028	1031	1040	1042	1041	1041	1040	1061	1046	1024
6	1046	1037	1037	1040	1035	1041	1049	1035	1030	1012	980	991	996	1015	1024	1031	1035	1044	1042	1042	1041	1040	1044	1044	1044	1030
7	1044	1041	1043	1041	1041	1044	1046	1040	1039	1027	1011	1005	1007	1016	1021	1027	1034	1037	1040	1042	1042	1044	1044	1045	1044	1034
8	1044	1044	1041	1041	1040	1044	1041	1036	1030	1026	1017	1019	1025	1020	1031	1040	1041	1045	1049	1051	1056	1035	1030	1002	1012	1035
9D	1012	1010	1036	1060	1016	995	1041	1036	1031	1026	1020	1020	1011	1016	1016	1035	1030	1025	1017	1050	987	987	1004	1006	999	1020
10	999	1016	1036	1049	1041	1038	1032	1032	1026	1015	1005	1000	992	995	1015	1016	1021	1030	1050	1030	1031	1031	1035	1040	1039	1025
11	1039	1035	1041	1065	1047	1040	1045	1035	1031	1029	1007	985	998	989	990	1000	1021	1026	1016	1024	1039	1060	1015	1018	1045	1025
12D	1045	1018	1025	1031	1051	1041	1040	1030	1037	1035	999	1005	979	1005	1020	1020	1033	1025	1085	1016	1026	1035	1038	1036	1035	1028
13	1035	1036	1031	1034	1041	1020	1028	1030	1011	1004	996	995	1010	1010	1012	1020	1029	1041	1023	1017	1030	1040	1055	1054	1035	1025
14	1035	1024	1050	1031	1011	1022	1030	1022	1027	1011	1016	1015	995	1008	1011	1020	1025	1030	1039	1039	1039	1040	1040	1040	1041	1026
15	1041	1040	1039	1040	1039	1039	1040	1035	1025	1003	1003	998	996	996	1010	1023	1021	1035	1030	1035	1043	1075	1046	1040	1049	1029
16	1049	1030	1045	1024	1035	1037	1040	1029	1026	1021	1002	1006	1005	999	1010	1016	1024	1024	1034	1039	1041	1041	1035	1039	1040	1027
17	1040	1039	1040	1040	1040	1044	1049	1049	1040	1030	1005	1004	1006	1002	1014	1021	1025	1032	1039	1039	1038	1040	1038	1050	1040	1032
18Q	1040	1036	1039	1039	1040	1040	1040	1036	1030	1016	1005	1000	1000	1006	1017	1021	1029	1035	1040	1044	1044	1045	1045	1045	1048	1031
19	1048	1045	1045	1045	1044	1045	1049	1045	1041	1031	1019	1006	1001	1003	1010	1021	1031	1039	1039	1039	1035	1042	1045	1045	1050	1034
20	1050	1041	1040	1050	1049	1046	1054	1051	1040	1026	1015	1006	1005	996	1011	1015	1030	1032	1056	1040	1049	1050	1046	1046	1044	1035
21D	1044	1045	1045	1045	1047	1058	1055	1043	1024	1023	1004	986	982	996	1014	1029	1030	1025	1030	1040	995	1006	1002	996	990	1022
22	990	1015	1035	1026	1020	1020	1019	1024	1021	1001	1006	1002	1004	1018	1016	1009	1036	1021	1025	1025	1034	1032	1037	1036	1035	1021
23D	1035	1035	1035	1035	1039	1037	1041	1041	1043	1033	1015	999	954	985	1010	1030	1030	1030	1006	961	945	948	966	1003	970	1009
24D	970	985	963	963	1071	980	1000	971	928	1009	1005	990	984	995	1009	1015	1025	1031	1020	1032	1055	1039	1031	1025	1020	**1005**
25	1019	1016	1016	1018	1017	1024	1026	1034	1034	1019	1008	995	993	1001	1010	1018	1020	1024	1028	1031	1029	1046	1034	1030	1031	1021
26	1031	1029	1032	1034	1040	1043	1043	1038	1029	1022	1011	1004	996	998	1009	1020	1024	1033	1034	1033	1037	1037	1046	1044	1035	1028
27	1035	1034	1034	1034	1034	1038	1039	1039	1038	1033	1019	1013	1011	1018	1027	1034	1034	1043	1034	1040	1042	1044	1038	1039	1034	1033
28	1034	1034	1031	1033	1036	1036	1035	1035	1035	1030	1018	1009	1004	1006	1008	1019	1027	1034	1036	1039	1039	1040	1040	1051	1040	1030
29Q	1040	1038	1039	1042	1038	1040	1044	1044	1040	1032	1019	1010	1014	1018	1025	1031	1033	1040	1040	1044	1036	1044	1042	1043	1042	1035
30Q	1042	1039	1040	1040	1043	1045	1045	1045	1042	1033	1015	1009	1008	1014	1023	1030	1034	1040	1044	1044	1048	1049	1048	1048	1045	1036
31	1045	1044	1045	1047	1044	1048	1048	1049	1049	1042	1034	1028	1029	1034	1030	1037	1050	1024	1000	1029	1039	1046	1042	1039	1039	1038
Mean†	1033	1032	1035	1037	1039	1036	**1040**	1034	1029	1022	1009	1004	**1001**	1007	1015	1024	1030	1033	1036	1035	1034	1037	1036	1036	1033	1028

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

251. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **October, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	524	524	524	525	539	513	510	503	499	499	506	528	539	544	540	536	532	532	531	531	541	543	531	524	518	526
2Q	518	517	516	511	511	512	511	506	505	505	511	523	536	540	543	538	531	525	526	526	526	524	524	524	523	521
3Q	523	519	519	518	517	516	512	511	504	499	505	517	532	540	543	540	534	529	530	528	529	531	531	524	511	523
4	511	505	495	493	497	503	505	511	505	506	511	526	538	551	556	539	541	534	531	516	500	489	446	484	505	512
5	505	513	512	517	517	513	511	513	511	503	513	530	550	558	555	538	538	532	526	524	520	512	519	521	513	523
6	513	510	512	511	531	512	512	514	505	505	506	533	544	540	549	544	538	533	532	528	524	524	520	518	517	523
7	517	517	516	517	516	524	522	513	506	505	513	534	538	546	544	538	532	530	526	524	524	524	524	524	518	524
8	519	519	519	519	519	519	517	512	506	506	506	517	531	539	544	545	539	538	535	533	533	504	439	433	447	515
9D	447	474	479	517	545	539	536	532	511	508	514	521	543	551	558	570	556	539	532	504	486	466	459	473	499	516
10	499	472	492	494	494	500	521	512	512	512	519	531	541	545	549	540	532	524	488	512	512	512	519	521	519	515
11	519	525	525	499	502	509	511	512	511	514	513	525	540	548	560	546	539	506	506	525	525	467	456	475	466	514
12D	466	492	519	525	504	519	540	519	519	519	520	539	533	539	546	542	532	512	403	504	521	518	518	519	519	516
13	519	518	533	527	519	531	523	525	512	512	512	512	529	536	538	537	529	517	511	510	517	509	512	499	492	520
14	492	513	519	506	526	519	519	527	539	517	513	521	533	534	542	544	537	524	519	519	519	520	520	519	521	523
15	521	522	521	520	518	518	518	512	505	504	517	520	539	542	545	530	535	512	518	518	514	512	505	492	506	519
16	506	492	498	506	518	519	525	526	512	511	498	518	540	539	545	543	544	532	529	516	513	498	512	519	519	519
17	519	534	520	519	524	520	519	513	512	504	514	520	551	548	547	551	544	533	531	525	519	525	519	506	514	**526**
18Q	514	514	519	519	519	519	518	512	505	500	505	519	533	545	551	544	538	532	527	525	523	520	520	520	520	523
19	520	521	520	521	520	519	518	511	505	499	500	508	527	539	551	546	540	532	531	524	499	506	517	514	514	520
20	514	512	529	519	506	513	513	512	505	506	506	518	545	551	558	553	551	537	506	525	519	519	518	518	519	523
21D	519	525	519	527	526	519	517	519	516	521	525	525	545	552	559	551	571	570	585	557	475	492	449	441	415	523
22	415	461	486	499	506	545	520	505	501	496	504	506	521	548	559	565	568	562	559	541	500	525	525	519	517	520
23D	517	518	514	.513	514	514	516	518	509	504	517	531	537	559	558	567	528	531	539	453	412	425	446	429	431	505
24D	431	419	414	446	420	486	512	512	506	516	516	526	531	538	539	529	537	539	533	499	498	513	517	513	512	**501**
25	512	505	500	506	506	507	512	511	506	498	501	512	527	538	535	527	519	515	519	520	514	506	500	505	508	512
26	508	512	516	512	517	518	515	516	508	504	506	512	520	532	538	540	534	531	527	520	514	512	516	514	512	519
27	512	516	514	517	516	517	517	517	512	503	500	512	532	545	552	553	548	551	538	526	525	525	507	488	482	522
28	482	510	514	513	514	516	514	514	509	500	501	508	521	532	531	532	529	525	525	525	520	519	519	517	512	517
29Q	512	512	512	512	512	512	512	512	506	500	499	512	529	533	531	531	525	525	525	525	524	520	513	514	518	517
30Q	518	520	519	519	515	518	515	518	512	502	501	513	532	540	539	537	531	527	525	520	519	519	519	520	520	521
31	521	522	521	520	520	519	515	515	513	507	509	520	538	555	549	542	546	528	551	526	.522	520	518	516	515	525
Mean†	503	507	510	512	513	516	517	515	509	506	509	520	535	543	**517**	543	539	531	525	520	512	509	504	**503**	503	519

† Mean of 30 days; 7th omitted.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

252. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **October, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	942	942	942	942	931	927	931	936	938	938	930	925	918	921	928	934	934	937	937	937	935	938	942	942	942	934
2Q	942	942	942	942	942	942	939	942	939	938	935	934	934	934	935	938	940	941	940	938	938	939	939	940	939	939
3Q	939	942	942	942	940	939	939	939	939	939	937	931	926	927	930	934	938	938	938	938	938	938	939	942	946	937
4	946	947	939	937	937	937	937	937	937	935	934	931	929	931	934	942	942	942	943	947	951	939	900	913	922	936
5	922	934	937	935	938	938	938	939	937	937	933	929	931	932	941	953	956	951	947	943	943	946	943	935	923	939
6	923	930	933	936	928	927	928	931	932	932	936	928	923	923	928	933	940	942	942	942	941	942	942	941	939	934
7	939	939	938	938	938	937	937	938	940	937	*	—	—	—	—	930	935	939	939	939	940	940	939	939	939	—
8	936	936	937	937	937	937	937	941	941	938	936	931	926	928	931	934	937	937	937	937	937	941	929	898	903	933
9D	900	905	869	869	869	874	884	900	914	923	925	928	928	929	933	946	950	963	975	962	964	963	938	935	919	923
10	917	878	911	917	921	921	918	921	926	929	931	927	931	938	944	949	949	951	954	951	947	946	945	942	942	932
11	940	940	931	920	920	920	925	930	934	935	941	941	940	943	949	954	959	979	971	959	953	948	938	925	915	941
12D	913	917	912	903	917	918	918	920	927	932	938	938	948	954	947	948	952	958	972	956	949	944	942	942	942	937
13	940	940	936	931	931	931	934	936	940	943	941	943	939	934	931	932	939	945	950	957	952	950	940	937	935	940
14	933	927	914	904	895	908	913	917	922	930	934	934	937	939	938	939	943	943	941	941	941	939	938	938	938	930
15	936	932	932	931	932	932	933	936	937	941	936	939	937	943	948	960	957	961	958	960	953	938	925	927	918	941
16	918	914	904	913	920	923	927	931	935	935	934	928	927	933	937	942	947	946	946	946	946	946	943	938	935	933
17	935	929	930	932	932	932	932	935	937	937	937	937	933	942	942	945	946	945	942	942	942	941	942	938	937	938
18Q	937	938	938	937	937	937	937	939	941	940	938	932	932	932	934	937	939	939	939	938	938	938	937	937	937	937
19	937	939	939	940	938	937	935	937	937	937	937	932	928	928	931	933	938	940	942	943	948	944	939	934	930	937
20	930	928	925	914	919	923	924	926	930	934	929	925	920	921	924	933	942	943	945	942	941	936	936	935	934	930
21D	934	929	925	924	921	919	919	920	927	928	929	929	930	942	953	975	976	991	1023	1051	1018	962	924	919	915	948
22	914	854	881	900	909	899	913	928	937	938	937	937	934	937	942	961	979	984	975	974	975	957	947	943	942	936
23D	942	941	940	939	938	938	938	938	940	941	933	934	941	952	972	999	1050	1017	1007	1008	980	942	929	919	879	**956**
24D	879	900	905	858	797	792	823	844	876	909	925	932	937	936	941	946	944	948	948	958	943	933	929	937	941	**907**
25	940	940	941	940	937	936	937	939	941	942	941	940	940	940	941	946	947	946	945	943	946	941	936	933	928	941
26	928	933	934	936	935	935	937	940	940	940	936	933	934	936	937	941	941	940	940	941	941	941	936	933	932	937
27	932	932	933	935	935	935	934	933	936	936	936	931	927	927	931	933	936	933	936	936	936	937	941	940	941	934
28	940	935	935	935	935	935	935	935	935	939	936	939	937	939	940	938	941	940	942	941	943	942	942	940	939	938
29Q	939	939	939	940	941	942	941	940	943	944	946	942	939	936	938	946	949	947	945	944	946	949	949	951	949	943
30Q	949	947	947	947	947	946	945	944	947	947	947	944	942	942	945	945	945	947	946	945	945	944	946	947	946	946
31	946	946	946	945	945	944	945	946	947	949	946	941	943	941	944	947	952	967	981	984	974	964	959	959	955	953
Mean †	931	929	928	926	**924**	**924**	927	930	934	936	936	934	933	935	939	945	950	952	**954**	953	950	944	938	935	932	937

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

253. Eskdalemuir. **October, 1925.**

Day.	Terrestrial Magnetic Force. North Component. Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	West Component. Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Vertical Component. Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	Character Figures.§ ΣR²	ρ	Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	100γ²			a.
1	20 2	1077	1008	11 17	69	20 27	555	498	8 11 / 8 28	57	2 20	943	918	12 0	25	86	·24	1	86·1
2	5 42	1061	996	11 15	65	13 28 / 14 9	544	498	7 27	46	0 10	943	933	11 51	10	64	·18	0	86·1
3	21 52	1054	1005	11 10	49	14 30	544	497	9 0	47	24 0	946	926	12 30	20	50	·14	0	86·1
4	21 43	1125	1000	11 22	125	13 22	569	417	21 3	152	20 4	952	897	22 1	55	418	1·14	1	86·1
5	23 0	1087	971	10 39	116	12 50	564	497	9 39	67	15 30	961	924	24 0	37	193	·53	1	86·1
6	5 57	1054	975	9 54	79	14 8	563	497	8 42	66	16 20 / 17 20	943	922	12 28	21	110	·30	1	86·1
7	6 37	1060	996	11 12	64	13 22	551	498	9 7	53	—	—	—	—	—	—	—	0	86·1
8	20 14	1065	965	21 42 / 22 55	100	13 9	551	406	22 54	145	21 8	942	876	22 41	66	354	·97	1	86·1
9	18 50	**1157**	945	19 24	212	15 6	584	427	21 37	157	18 26	991	858	1 41	133	873	2·39	2	86·1
10	18 10	1066	944	0 38	122	0 21	559	446	0 49	113	17 58	956	848	0 39	108	393	1·07	1	85·9
11	21 18	1130	974	14 14	156	13 46	572	406	21 12	166	16 52	983	914	23 50	69	567	1·55	1	86·0
12	17 59	1142	955	12 16	187	13 39	559	356	17 42	203	17 41	978	898	2 51	80	826	2·26	1	85·9
13	21 45	1089	980	10 56	109	13 42	540	471	23 30	69	19 1	960	930	3 50 / 14 0	30	175	·48	1	85·9
14	1 58	1060	985	12 3	75	11 32	551	494	0 7	57	15 49	943	891	3 52	52	116	·32	1	85·9
15	21 22	1100	990	11 7	110	13 59	559	480	22 46	79	18 42	961	918	24 0	43	202	·55	1	85·9
16	1 39	1056	987	12 42	69	13 49	551	459	0 39	92	16 15	948	903	1 40	45	153	·42	1	85·9
17	22 50	1065	995	12 39	70	12 0	559	498	22 42	61	15 30	947	928	1 12	19	90	·25	1	85·9
18	23 26	1050	996	11 6	54	13 53	552	499	8 38	53	8 10	942	932	11 40	10	58	·16	0	85·9
19	23 58	1060	1000	13 2	60	14 0	552	485	20 11	67	20 20	952	927	12 41	25	90	·25	1	85·9
20	18 1	1071	991	13 5	80	14 17	564	486	17 48	78	17 50	948	913	2 55	35	137	·37	1	85·9
21	19 9	1123	931	19 38	192	19 1	606	398	23 59	208	19 12	**1116**	914	23 51	202	1209	3·31	2	85·9
22	16 20	1056	960	14 35	96	16 39	578	400	0 1	178	17 0	985	982	1 11	156	652	1·78	1	85·9
23	15 44	1119	877	22 42	242	15 50	**658**	**353**	22 50	**305**	15 55	1110	874	23 59	**236**	2073	5·67	2	85·9
24	3 45	1105	**855**	7 41	**250**	4 42	570	360	3 31	210	19 3	966	**784**	4 56	182	1397	3·82	2	85·9
25	21 15	1084	989	11 53	95	13 24	540	463	21 5	77	15 48	949	926	23 48	23	155	·42	1	85·9
26	22 5	1062	989	12 39	73	14 18	548	498	9 33	50	15 25	942	926	0 1	16	81	·22	0	85·9
27	22 30	1080	1009	17 57	71	16 32	559	474	23 53	85	22 21	943	926	12 30	17	126	·34	1	85·9
28	22 51	1069	1000	13 50	69	13 29	552	478	0 1	74	20 4	943	933	7 0	10	103	·28	0	85·9
29	20 36	1054	1009	11 22	**45**	13 9	538	496	9 50	**42**	20 20	953	936	12 50	17	40	·11	0	85·9
30	5 44	1054	1004	12 3	50	13 10	545	496	9 21	49	8 0	947	940	12 15	**7**	49	·14	0	85·9
31	16 2	1059	987	18 6	72	12 51	572	500	9 49	72	18 22	986	939	12 45	47	126	·34	1	85·9
Mean	—	1080	976	—	104	—	562	459	—	103	—	966	906	—	60	366	—	0·87	85·9
No. of Days used.	—	31	31	—	31	—	31	31	—	31	—	30	30	—	30	30	—	31	31

* Magnet displaced. † Mean of 30 days; 7th omitted. § For explanation *see* page 107.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

254. Eskdalemuir. (X.) **November, 1925.**

15,000 γ (·15 C.G.S. unit) +

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1D	1039	1048	1053	1069	1016	1029	1023	1032	1034	1025	1008	992	1009	1003	1009	1027	1029	1034	1039	1036	1053	1054	1035	1038	1033	1030
2D	1033	1030	1034	1034	1036	1039	1041	1042	1034	1024	1014	1010	1016	1019	1024	1036	1047	1039	1039	1014	1023	1039	1027	1026	1030	1030
3	1029	1033	1033	1033	1033	1036	1033	1028	1023	1023	1018	1011	1013	1019	1025	1031	1033	1034	1037	1041	1034	1037	1038	1039	1039	1030
4	1039	1038	1038	1038	1037	1035	1035	1034	1034	1032	1024	1018	1014	1014	1022	1026	1029	1034	1038	1043	1043	1043	1042	1053	1037	1033
5Q	1037	1036	1037	1037	1039	1038	1039	1038	1034	1031	1019	1015	1018	1023	1027	1029	1033	1038	1042	1044	1045	1045	1043	1043	1043	1035
6	1043	1043	1043	1043	1042	1044	1046	1043	1041	1033	1022	1013	1011	1015	1027	1033	1036	1042	1043	1039	1033	1039	1040	1039	1045	1036
7	1045	1038	1038	1038	1041	1042	1043	1044	1041	1034	1023	1014	1009	1008	1018	1030	1034	1040	1043	1046	1048	1044	1049	1042	1043	1035
8	1042	1041	1035	1042	1043	1047	1047	1049	1047	1038	1028	1023	1020	1025	1031	1037	1042	1047	1057	1053	1048	1009	1006	1013	993	1035
9D	993	991	987	986	1026	982	1008	1027	1038	1019	1012	1005	997	998	1003	994	1007	1010	993	996	1008	1012	991	1022	983	**1004**
10D	983	1011	1021	1006	1030	1030	1025	1032	1027	1009	1012	1011	1008	1012	1024	1015	1001	1012	1010	1015	984	990	1002	999	987	1011
11	987	1018	1030	1024	1039	1032	1018	1022	1024	1017	987	972	972	995	1009	1017	1022	1026	1029	1033	1037	1037	1038	1078	1047	1021
12	1046	1025	1035	1035	1032	1035	1036	1036	1035	1027	1015	1005	1014	1021	1025	1026	1027	1031	1033	1035	1036	1036	1036	1036	1036	1030
13	1036	1036	1036	1041	1041	1035	1036	1037	1031	1026	1017	1013	1013	1005	1006	1019	1020	1011	1015	1024	1006	1016	1026	1031	1030	1024
14D	1030	1031	1032	1032	1036	1032	1043	1045	1029	1023	1012	1003	1001	1001	1003	1006	1040	996	1012	1017	991	1005	1029	1022	1026	1020
15	1026	1026	1022	1026	1026	1027	1030	1025	1018	1011	1005	1004	997	1006	1015	1015	1011	1025	1015	1021	1026	1028	1053	1032	1024	1020
16	1023	1025	1025	1025	1028	1026	1029	1030	1026	1019	1011	1006	1005	1006	1020	1026	1030	1031	1035	1035	1031	1027	1029	1035	1035	1025
17	1035	1034	1033	1035	1035	1039	1040	1040	1035	1025	1009	1003	997	996	1011	1026	1034	1031	1044	1041	1042	1040	1037	1039	1040	1029
18	1039	1039	1037	1038	1040	1039	1039	1039	1038	1029	1014	1009	1010	1019	1028	1028	1033	1034	1044	1045	1044	1050	1044	1043	1041	1034
19	1041	1044	1040	1034	1035	1039	1044	1039	1034	1030	1018	1009	1009	1014	1024	1029	1038	1040	1040	1048	1042	1041	1045	1040	1050	1034
20	1050	1043	1039	1039	1043	1044	1048	1048	1045	1039	1029	1019	1001	1008	1022	1029	1038	1042	1038	1047	1045	1048	1049	1045	1043	1037
21Q	1042	1042	1042	1043	1047	1047	1046	1043	1043	1038	1028	1027	1024	1028	1034	1038	1042	1044	1048	1049	1048	1048	1047	1045	1044	1041
22Q	1044	1043	1045	1043	1043	1043	1047	1046	1046	1042	1034	1028	1029	1033	1038	1042	1043	1049	1048	1048	1047	1045	1049	1048	1048	1043
23	1047	1047	1047	1046	1048	1047	1047	1047	1047	1036	1023	1016	1013	1018	1027	1032	1033	1042	1046	1046	1047	1047	1047	1046	1047	1039
24	1047	1035	1041	1042	1041	1044	1047	1047	1044	1037	1030	1028	1036	1043	1054	1049	1052	1032	1041	1047	1051	1047	1048	1047	1043	1043
25	1043	1047	1043	1047	1051	~~0153~~ 1053	1056	1056	1051	1041	1035	1031	1034	1034	1028	1032	1036	1042	1047	1042	1043	1042	1042	1043	1042	1042
26	1041	1037	1039	1040	1044	1041	1043	1044	1040	1035	1031	1026	1024	1024	1027	1031	1032	1040	1044	1041	1039	1046	1046	1045	1041	1037
27Q	1041	1041	1041	1042	1045	1046	1046	1047	1045	1040	1032	1026	1022	1026	1031	1035	1040	1043	1045	1046	1049	1051	1049	1049	1046	1041
28Q	1045	1045	1044	1043	1044	1047	1050	1048	1046	1040	1034	1029	1027	1030	1035	1039	1040	1044	1047	1049	1049	1049	1049	1049	1044	1043
29	1044	1045	1045	1045	1045	1045	1045	1044	1041	1035	1025	1021	1018	1025	1034	1040	1044	1040	1040	1045	1049	1050	1050	1050	1049	1040
30	1048	1046	1044	1041	1040	1041	1046	1049	1046	1043	1036	1030	1029	1030	1035	1043	1044	1045	1053	1053	1052	1050	1049	1049	1048	**1043**
Mean.	1035	1035	1036	1036	1038	1037	1039	**1040**	1037	1030	1020	1014	**1013**	1017	1024	1029	1033	1034	1037	1038	1036	1037	1038	1040	1035	1032

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

255. Eskdalemuir. (—Y.) **November, 1925.**

4,000 γ (·04 C.G.S. unit) +

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1D	515	520	543	511	447	495	510	513	507	503	510	519	533	535	534	528	523	528	521	515	507	513	508	517	512	514
2D	512	513	513	513	514	515	514	515	508	502	507	513	526	527	528	533	533	526	502	508	511	493	487	489	480	512
3	480	500	499	501	507	507	507	514	510	510	514	526	539	534	534	533	528	526	526	521	513	507	513	515	515	516
4	515	515	514	514	513	514	513	513	513	508	513	520	526	533	534	532	526	526	526	525	520	520	519	505	495	519
5Q	495	510	513	518	518	515	515	513	513	508	510	521	532	532	532	528	527	526	522	520	520	520	519	519	518	519
6	518	519	520	520	518	515	515	514	509	507	513	520	533	534	535	535	526	526	526	520	512	519	518	514	515	**520**
7	515	520	520	520	520	521	520	518	512	503	500	511	520	530	532	532	532	520	522	520	520	515	501	508	515	518
8	515	514	528	518	519	520	518	515	513	507	507	520	528	533	533	532	532	529	532	534	536	507	480	437	420	515
9D	420	404	434	461	493	513	532	548	528	513	507	517	525	526	526	528	534	532	520	469	444	454	440	400	427	**491**
10D	427	546	518	520	534	554	546	526	517	508	502	510	516	520	528	523	515	514	500	435	462	460	452	470	500	506
11	499	509	492	505	502	517	513	509	509	512	519	537	538	541	540	532	525	519	517	517	513	514	506	501	512	516
12	512	512	521	514	512	512	512	512	509	505	509	511	526	532	527	523	519	519	518	517	514	514	514	514	514	516
13	514	519	516	522	507	507	512	512	510	506	506	514	531	527	532	538	533	517	511	486	484	491	500	512	513	513
14D	513	514	513	513	512	520	525	525	525	519	519	525	533	539	545	554	566	519	525	513	467	506	485	505	512	520
15	512	516	514	512	512	512	512	506	505	500	506	519	525	539	539	525	511	509	500	508	502	500	484	486	506	510
16	506	508	518	517	514	518	512	506	500	494	499	508	520	526	525	525	519	516	512	512	509	492	490	499	506	510
17	506	514	519	514	515	516	512	507	503	499	498	511	521	534	535	531	525	513	518	513	507	506	506	506	512	514
18	511	513	515	517	515	517	513	511	505	499	505	518	530	532	532	526	525	523	518	516	514	511	511	505	505	516
19	505	508	505	517	517	515	511	510	505	505	511	516	524	531	531	525	525	521	518	518	512	506	511	511	519	515
20	519	513	511	514	513	514	513	511	510	505	508	516	532	539	540	531	538	535	518	518	523	511	498	500	505	518
21Q	505	511	513	513	516	517	514	513	512	510	511	518	524	534	538	531	526	520	519	518	516	514	513	512	511	518
22Q	511	511	511	512	512	513	511	514	511	505	507	516	525	530	530	524	524	524	524	519	518	514	517	513	513	517
23	512	513	512	512	515	510	510	510	507	503	502	513	522	525	537	524	523	517	517	517	512	515	512	510	492	514
24	492	497	511	510	510	516	515	511	510	510	510	523	535	547	549	543	541	537	529	519	499	510	511	510	509	519
25	509	505	510	511	510	511	512	512	511	511	519	527	537	531	533	531	523	524	527	504	516	517	516	516	512	518
26	511	515	515	514	511	515	513	511	510	510	509	514	521	526	528	529	524	522	522	516	520	511	507	510	508	516
27Q	508	509	511	515	515	514	511	510	509	506	509	516	522	524	529	525	522	522	522	518	517	520	516	511	515	516
28Q	515	511	510	513	516	518	517	515	512	509	509	516	529	530	530	528	522	523	522	518	516	516	516	516	516	518
29	516	516	516	515	514	514	513	510	509	504	504	516	528	535	532	528	522	522	522	516	516	516	515	514	511	517
30	510	512	508	509	513	511	513	510	508	505	508	514	521	527	528	527	525	523	521	521	521	515	515	515	515	516
Mean	503	510	511	512	511	515	515	514	510	506	508	517	527	532	**533**	530	527	522	519	512	508	507	503	**501**	503	515

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

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Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

256. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **November, 1925.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1D	956	950	912	876	910	919	926	934	946	941	952	951	950	951	954	953	964	959	958	959	959	943	944	948	951	942
2D	951	953	951	953	952	955	954	954	955	956	952	949	948	950	948	952	952	958	966	905	966	966	961	959	955	955
3	955	951	951	952	952	950	950	950	949	953	950	945	945	950	953	957	959	960	958	957	958	961	958	957	957	953
4	955	955	955	955	955	955	955	954	954	952	950	947	947	950	954	955	955	957	957	957	957	956	956	956	955	954
5Q	953	953	954	954	954	956	956	954	957	955	953	953	951	953	953	957	957	958	958	958	957	957	957	957	957	955
6	955	955	955	955	955	955	955	955	956	956	950	950	950	954	955	958	960	960	960	961	964	961	961	960	957	957
7	955	954	955	955	954	954	954	954	955	959	959	956	954	955	958	959	959	961	959	959	959	959	959	958	955	957
8	953	955	953	952	953	954	955	955	956	957	957	952	952	955	957	957	957	957	957	957	961	970	980	971	961	958
9D	959	931	927	848	848	863	887	916	935	945	954	955	960	962	964	970	970	975	999	1016	1004	983	946	916	892	**942**
10D	890	875	889	900	885	908	919	931	943	953	953	956	958	962	964	976	991	997	1005	1006	990	990	986	971	929	951
11	927	903	917	921	912	917	935	951	959	963	970	974	979	973	970	970	970	969	966	965	965	965	965	965	950	953
12	948	949	944	948	953	954	957	958	960	963	963	963	963	963	967	967	964	963	962	962	962	963	963	963	963	960
13	961	959	957	951	947	952	955	956	960	961	961	960	961	965	966	967	972	985	989	990	985	979	975	970	966	966
14D	964	959	957	957	958	955	950	949	949	949	951	954	959	963	973	974	988	1046	999	984	997	979	960	959	963	**968**
15	962	962	963	963	962	961	959	962	963	963	962	959	962	962	966	971	975	977	982	980	973	968	959	951	954	965
16	954	955	956	958	958	958	958	958	962	964	967	963	963	963	966	967	967	964	963	962	962	967	965	962	959	962
17	959	958	957	957	957	957	957	955	957	958	957	957	958	958	958	960	959	963	962	961	958	959	959	958	958	958
18	959	958	958	958	957	955	955	954	956	958	958	954	954	957	959	963	963	963	963	959	960	959	954	956	958	958
19	960	956	956	956	957	957	956	957	957	957	957	957	960	961	963	965	963	961	961	960	958	960	957	958	955	959
20	957	954	958	958	958	958	958	958	958	958	958	958	959	959	962	963	963	963	965	964	962	963	963	960	958	960
21Q	960	957	956	956	955	955	955	955	954	952	951	948	946	949	951	955	955	955	955	955	954	955	955	954	952	954
22Q	954	953	953	953	953	953	953	953	953	953	952	948	947	948	949	952	953	953	953	953	955	956	954	953	953	952
23	955	954	954	954	953	954	954	954	954	955	959	956	955	955	955	956	957	956	955	955	955	954	954	954	955	955
24	957	958	956	956	955	953	953	953	953	955	952	951	949	948	948	951	951	956	959	958	962	960	957	956	955	954
25	957	954	954	954	953	953	952	950	950	952	952	952	953	953	954	955	954	954	954	959	958	954	954	954	954	954
26	956	954	952	952	951	951	951	951	951	951	949	946	948	951	951	951	951	951	950	951	951	951	950	949	950	951
27Q	952	950	948	948	948	948	948	948	948	946	943	943	943	944	945	948	948	948	948	947	945	945	946	944	944	947
28Q	946	945	945	945	942	941	941	941	941	945	943	941	943	942	944	945	946	945	945	945	945	945	945	945	945	944
29	947	947	947	947	947	947	946	946	947	947	946	942	943	944	947	948	948	948	947	947	947	946	947	947	947	946
30	948	948	948	948	948	947	945	944	944	947	944	947	945	943	943	943	943	943	943	943	943	943	943	944	944	945
Mean	952	949	948	**945**	945	947	948	950	953	954	954	953	953	955	957	959	960	**963**	963	963	962	961	958	955	952	954

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

257. Eskdalemuir. **November, 1925.**

Day.	Terrestrial Magnetic Force.															Character Figures.§		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +.
	North Component.					West Component.					Vertical Component.								
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	Σ R²	ρ		
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	100γ²			a.
1	20 33	**1107**	979	10 52	128	2 43	567	418	3 49	149	16 0	964	869	3 5	95	484	3·02	1	85·9
2	18 26	1094	982	18 46	112	14 38	543	459	18 11	84	18 11	971	943	12 11	28	202	1·26	1	85·8
3	20 41	1045	1009	11 19	36	12 2	540	477	0 1	63	20 35	962	943	11 30	19	57	·35	1	85·8
4	23 15	1068	1013	12 19	55	13 58	536	490	23 54	46	17 40	958	946	11 18	12	53	·33	1	85·8
5	19 17	1049	1014	10 59 / 11 25	35	13 12	534	493	0 1	41	17 50	958	950	11 30	8	30	·19	0	85·8
6	23 43	1053	1005	12 4	48	12 36	540	503	19 38	37	19 40	965	950	12 1	15	39	·24	1	85·9
7	21 33	1059	1004	13 0	55	13 23	537	493	22 13	44	16 52	963	954	0 1	9	50	·32	0	85·9
8	17 58	1061	990	23 53	71	20 28	541	400	23 32	141	22 18	981	950	2 26	31	259	1·62	1	85·9
9	22 40	1072	**927**	2 50	**145**	7 0	560	**354**	22 23	**206**	18 52	1022	**795**	3 20	**227**	1150	7·19	2	85·8
10	4 3	1050	963	23 52	87	4 48	561	387	18 42	174	18 40	1026	862	1 15	164	647	4·05	1	85·8
11	23 37	1066	953	10 30	113	23 35	565	478	2 20	87	11 55	980	897	0 46	83	272	1·70	1	85·8
12	5 31	1044	996	10 46	48	13 42	534	486	0 28	48	13 50	968	943	2 0	25	52	·33	1	85·8
13	19 21	1065	990	17 1	75	15 22	539	439	19 3	100	19 0	996	946	3 30	50	181	1·13	1	85·8
14	16 25	1081	946	20 51	135	16 30	**599**	439	20 24	160	16 58	**1067**	948	6 40	119	580	3·62	1	85·8
15	21 58	1075	986	18 26	89	12 48	547	465	21 42	82	18 26	984	950	22 50	34	158	·99	1	85·8
16	19 48 / 22 23	1039	1003	13 0	36	13 28	530	484	21 58	46	10 0	968	953	0 1	15	36	·23	0	85·7
17	19 50	1045	990	10 23	55	12 56	536	494	9 37	42	16 57	966	954	7 0	12	49	·31	0	85·7
18	21 16	1070	1008	11 40	62	12 40	537	498	9 22	39	16 45	964	953	11 59	11	55	·34	1	85·6
19	1 19	1053	1006	11 10	47	13 43	534	498	1 40	36	14 49	966	955	1 23	11	36	·23	0	85·6
20	0 10	1064	999	11 46	65	13 38	544	495	21 30	49	18 20	968	952	0 22	16	69	·43	1	85·6
21	19 1	1052	1023	12 29	29	14 9	542	505	0 1	37	0 1	960	946	12 20	14	24	·15	0	85·5
22	19 32	1053	1024	11 38	29	13 10	532	504	8 59	28	21 20	957	947	11 56	10	17	·11	0	85·5
23	23 50	1056	1009	11 41	47	14 20	542	484	24 0	58	10 10	959	953	13 20	**6**	56	·35	0	85·5
24	15 57	1078	1026	16 59	52	14 30	558	484	0 1	74	20 0	963	947	13 55	16	84	·53	1	85·3
25	6 30	1062	1021	14 19	41	11 59	549	496	19 19	53	19 22	961	949	1 2	12	46	·29	1	85·3
26	21 31	1072	1021	12 10	51	14 12	530	503	21 48	27	0 10	956	946	11 40	10	34	·21	0	85·2
27	23 28	1055	1021	12 28	34	14 12	530	504	9 10	**26**	0 1	952	942	10 30	10	19	·12	0	85·1
28	5 45	1051	1025	12 24	**26**	12 4	536	509	1 11 / 9 50	27	16 1	947	940	11 10	7	15	·09	0	84·9
29	23 32	1055	1015	12 17	40	13 4	540	503	9 40	37	15 0	948	942	11 21	**6**	30	·19	0	84·9
30	19 20	1055	1028	12 20	27	13 50 / 14 18	529	502	9 10	27	3 20	948	941	13 50	7	15	·09	0	84·9
Mean	—	1062	999	—	62	—	544	475	—	69	—	972	936	—	36	160	—	0·60	85·6
No. of Days used.	—	30	30	—	30	—	30	30	—	30	—	30	30	—	30	30	—	30	30

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279. § For explanation *see* page 107.

*A 2

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

258. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **December, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1048	1045	1044	1044	1044	1044	1045	1044	1040	1036	1030	1024	1023	1028	1036	1044	1049	1058	1058	1058	1062	1048	1054	1055	1063	1045
2	1062	1047	1048	1048	1048	1048	1048	1048	1049	1047	1038	1032	1032	1038	1047	1052	1050	1055	1058	1057	1056	1054	1048	1048	1047	**1048**
3 Q	1047	1048	1047	1047	1048	1048	1049	1049	1048	1043	1039	1042	1042	1043	1048	1046	1047	1049	1052	1052	1045	1048	1046	1046	1046	1047
4	1045	1043	1042	1044	1046	1050	1052	1056	1053	1045	1036	1037	1037	1038	1037	1047	1042	1045	1043	1041	1037	1035	1038	1046	1046	1043
5	1046	1042	1043	1048	1047	1048	1050	1052	1048	1043	1042	1039	1037	1037	1041	1042	1046	1047	1047	1042	1025	1018	1061	1028	1038	1042
6 D	1037	1051	1051	1043	1057	1056	1051	1044	1021	1027	1006	1001	987	997	979	1007	1007	1017	1026	1021	1024	1027	1035	1031	1028	1025
7 D	1028	1027	1023	1019	1021	1031	1027	1014	1011	1009	1016	1007	999	990	1006	1011	1025	1031	1036	1029	1037	1034	1035	1035	1036	1021
8	1035	1034	1034	1035	1035	1037	1040	1038	1044	1030	1010	1006	995	1015	1022	1030	1036	1035	1033	1034	1038	1036	1041	1048	1038	1031
9	1038 ~~1036~~	1034	1033	1036	1036	1037	1040	1036	1041	1035	1029	1029	1022	1015	1020	1026	1031	1031	1030	1035	1040	1040	1044	1041	1039	1033
10	1038	1038	1037	1037	1038	1037	1038	1041	1045	1034	1024	1021	1024	1026	1028	1036	1025	1009	1024	1019	1018	1030	1063	1025	1033	1031
11	1033	1033	1028	1033	1034	1038	1039	1039	1038	1030	1014	1009	1015	1023	1029	1034	1039	1041	1044	1044	1044	1039	1028	1044	1039	1033
12	1039	1041	1043	1044	1044	1048	1048	1044	1045	1040	1035	1030	1026	1023	1023	1025	1036	1041	1042	1036	1037	1043	1044	1047	1050	1039
13	1049	1048	1039	1039	1039	1041	1039	1044	1042	1028	1022	1022	1023	1026	1019	1018	1025	1037	1033	1037	1037	1037	1034	1037	1053	1034
14 Q	1053	1047	1042	1043	1044	1047	1048	1048	1044	1040	1037	1033	1023	1019	1018	1022	1023	1033	1042	1039	1038	1038	1043	1052	1043	1038
15	1042	1042	1042	1041	1041	1043	1050	1052	1047	1036	1027	1022	1017	1012	1011	1007	1008	1008	996	1004	1002	1012	1008	1010	1018	1024
16	1018	1023	1044	1028	1048	1043	1047	1037	1032	1031	1018	1017	1013	1017	1017	1022	1031	1037	1037	1032	1037	1041	1041	1041	1042	1032
17 Q	1042	1041	1041	1041	1043	1047	1047	1046	1042	1042	1038	1032	1024	1022	1027	1028	1039	1046	1045	1047	1048	1052	1051	1047	1047	1041
18 D	1046	1046	1047	1046	1045	1046	1046	1046	1046	1046	1041	1036	1035	1036	1036	1031	1035	1016	1001	1036	1030	1034	1036	1036	1030	1037
19	1030	1034	1035	1036	1036	1036	1036	1036	1036	1036	1029	1023	1021	1026	1026	1026	1036	1045	1046	1046	1046	1041	1041	1041	1050	1036
20	1049	1052	1030	1040	1040	1045	1036	1032	1035	1036	1035	1030	1030	1030	1030	1034	1034	1036	1040	1041	1042	1043	1044	1040	1040	1037
21 Q	1040	1036	1036	1036	1036	1039	1036	1035	1030	1030	1030	1029	1027	1029	1030	1030	1035	1040	1040	1040	1044	1044	1041	1038	1043	1035
22	1043	1039	1036	1036	1036	1036	1039	1036	1039	1039	1035	1030	1025	1026	1032	1036	1040	1045	1046	1045	1042	1046	1046	1045	1045	1038
23	1044	1048	1044	1040	1039	1039	1044	1044	1043	1039	1029	1025	1025	1032	1034	1039	1039	1035	1041	1049	1053	1049	1039	1045	1045	1040
24	1045	1039	1044	1044	1040	1043	1045	1048	1045	1040	1029	1023	1020	1023	1023	1030	1035	1035	1043	1045	1048	1047	1058	1035	1039	1039
25	1039	1043	1041	1040	1043	1044	1045	1048	1044	1043	1035	1034	1038	1035	1039	1040	1044	1047	1045	1049	1051	1045	1045	1045	1044	1043
26 Q	1043	1044	1044	1043	1044	1047	1047	1047	1043	1040	1037	1032	1031	1034	1037	1039	1043	1047	1048	1048	1052	1052	1048	1048	1047	1043
27 D	1047	1046	1047	1047	1048	1050	1051	1047	1044	1043	1038	1037	1036	1037	1036	1036	1028	1008	1008	1004	1017	1017	1003	1003	1014	1032
28 D	1014	1017	1017	1023	1027	1036	1034	1018	974	933	933	983	1010	1003	1008	1009	1004	1023	1024	1019	1013	1018	1019	1018	1018	**1007**
29	1018	1017	1013	1018	1022	1024	1027	1023	1022	1019	1017	1014	1015	1016	1023	1024	1015	1029	1028	1032	1034	1030	1024	1023	1014	1022
30	1014	1024	1028	1024	1031	1033	1033	1034	1033	1029	1010	1013	1021	1023	1030	1034	1037	1033	1037	1039	1043	1043	1039	1038	1038	1031
31	1037	1036	1036	1033	1036	1037	1041	1042	1038	1037	1036	1037	1038	1033	1037	1036	1033	1022	1027	1023	1018	1021	1031	1032	1032	1033
Mean †	1039	1039	1038	1038	1040	1042	**1043**	1041	1037	1032	1025	1024	**1023**	1024	1026	1030	1032	1035	1036	1037	1038	1038	1040	1037	1039	1035

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty Minutes centred at the Hours of Greenwich Mean Time.

259. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **December, 1925.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	515	511	510	509	509	513	512	509	508	508	508	515	522	529	525	528	527	523	521	521	523	521	515	514	511	516
2	511	513	514	514	514	511	508	510	513	510	512	518	529	534	533	528	524	522	521	517	515	515	515	514	509	517
3 Q	509	510	513	514	513	511	513	514	514	514	515	521	525	529	533	528	527	523	522	521	521	512	508	507	508	517
4	508	509	510	514	515	517	517	515	515	518	523	535	541	541	528	527	522	521	520	515	510	498	507	509	510	**518**
5	509	512	521	514	511	511	514	512	508	502	506	514	521	526	526	522	521	520	518	511	501	499	448	473	507	509
6 D	507	507	516	503	493	501	507	512	526	520	507	508	527	532	528	520	527	520	514	507	487	501	503	506	502	511
7 D	501	507	508	527	526	524	520	522	524	505	501	514	520	520	528	520	518	515	511	501	494	507	504	504	507	513
8	507	507	509	509	512	513	514	533	520	507	495	510	520	527	528	521	515	513	512	508	509	507	501	507	502	513
9	502	501	508	515	507	508	507	515	514	515	505	508	521	525	526	526	515	507	514	510	508	507	507	507	507	512
10	507	508	508	510	509	509	507	514	512	507	501	509	520	520	520	520	514	496	519	508	507	501	475	481	493	507
11	493	494	501	507	508	510	511	509	507	503	515	526	527	527	521	520	520	519	516	514	514	510	500	494	507	511
12	506	507	511	514	512	511	508	512	512	512	512	512	513	525	527	521	513	515	513	505	509	508	506	506	500	512
13	506	479	494	510	511	512	507	507	507	501	508	513	518	525	521	519	506	513	511	511	508	487	493	499	505	507
14 Q	505	500	500	506	506	506	507	511	512	512	513	519	519	531	536	531	525	519	513	512	503	500	500	504	506	512
15	506	511	513	513	513	513	513	508	508	500	500	505	518	526	533	533	532	531	529	501	488	462	447	445	446	505
16	446	472	472	492	500	513	519	513	509	506	506	513	513	519	519	517	506	515	513	511	507	506	506	506	506	505
17 Q	506	508	512	516	515	511	508	507	506	505	500	501	508	518	520	519	519	519	519	513	507	507	506	506	506	511
18 D	506	512	512	512	512	511	509	511	508	506	507	513	521	533	533	536	546	525	553	520	513	507	505	500	498	517
19	498	499	500	501	503	504	506	506	506	506	500	507	513	517	519	520	513	519	519	518	514	506	502	506	499	508
20	499	479	482	487	486	478	488	494	500	501	506	508	513	514	519	513	513	513	513	511	508	506	506	506	506	502
21 Q	506	505	500	501	500	501	500	500	502	502	506	511	514	519	521	519	513	514	518	517	515	513	511	507	500	509
22	500	500	498	504	501	505	502	505	506	506	506	511	513	516	521	519	513	514	519	519	515	513	508	506	506	509
23	500	501	493	494	495	500	500	505	506	500	506	512	521	533	527	529	533	538	526	515	513	500	500	507	506	511
24	506	501	493	493	494	495	498	500	500	502	509	514	521	531	545	535	535	528	521	513	506	502	482	493	500	509
25	500	502	506	513	508	506	508	506	507	506	513	521	517	523	523	519	517	519	517	513	515	499	506	507	509	511
26 Q	509	508	509	508	511	508	506	506	506	506	508	511	517	525	525	519	518	515	514	514	513	513	512	511	510	512
27 D	510	512	512	512	512	511	506	506	506	508	514	525	521	526	527	538	541	547	572	588	519	490	447	474	492	517
28 D	492	494	498	499	500	506	498	498	578	513	467	500	502	519	523	533	521	513	514	500	502	486	492	481	498	505
29	498	506	500	500	499	499	498	494	494	498	500	505	508	513	517	514	506	507	506	500	500	500	490	486	488	**501**
30	488	505	502	509	506	502	503	500	499	500	500	506	512	521	521	515	514	511	511	508	506	506	506	506	505	507
31	505	506	506	506	506	506	506	506	505	505	506	506	513	519	519	515	*	—	—	*	492	491	498	506	512	—
Mean †	502	503	504	507	506	507	507	508	511	507	505	512	518	525	**526**	524	521	519	520	514	508	503	**497**	499	501	510

* Instrument under Adjustment. † Mean of 28 days; 11th, 12th and 31st omitted.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

260. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **December, 1925.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	943	943	944	943	942	942	942	942	942	942	945	943	943	944	946	946	946	945	942	942	942	943	942	942	942	943
2	944	945	944	944	943	942	942	940	939	939	940	943	945	944	944	944	944	944	943	943	942	939	941	944	945	943
3 Q	946	945	945	945	945	944	942	940	940	940	940	939	940	941	941	941	944	942	943	944	944	945	946	945	945	943
4	946	945	945	942	941	941	941	941	941	941	937	937	938	939	941	942	945	945	945	945	944	946	945	941	941	942
5	943	943	942	939	941	943	943	942	942	943	942	939	941	943	943	943	944	944	945	948	952	958	955	943	938	944
6 D	939	932	926	930	930	931	934	935	939	939	943	944	946	950	966	976	998	977	963	963	963	959	954	953	952	950
7 D	953	950	950	936	931	931	932	940	945	951	952	949	950	955	961	969	968	963	958	959	959	953	951	950	949	951
8	950	947	948	949	949	948	947	945	942	946	946	946	950	950	950	951	951	951	951	951	950	947	946	946	946	948
9	947	943	942	938	940	942	942	942	941	942	943	941	941	945	947	948	952	951	951	951	950	949	947	947	946	945
10	947	945	944	944	944	944	944	943	940	942	943	942	945	947	948	948	953	962	956	957	960	956	948	943	943	948
11	944	939	939	937	937	938	939	940	940	940	939	939	940	944	*	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	*	944	945	946	947	946	946	950	949	946	946	945	943	—
13	944	942	938	937	938	941	941	941	942	942	940	939	939	940	946	951	957	952	951	950	951	951	951	947	943	945
14 Q	943	941	942	941	941	941	939	939	938	941	940	938	941	942	946	951	952	952	950	951	951	951	950	943	942	944
15	942	942	942	942	942	942	942	941	942	942	942	942	946	947	951	956	964	969	982	984	982	978	974	964	952	**954**
16	952	951	938	934	926	926	925	930	936	939	943	943	947	947	952	956	960	955	952	952	951	950	949	948	947	944
17 Q	947	947	947	947	944	944	943	943	943	943	942	943	944	946	947	954	953	952	952	951	950	947	947	947	947	947
18 D	948	948	947	945	945	944	944	944	943	943	943	943	944	948	948	953	957	975	981	980	976	971	963	959	961	954
19	962	959	958	955	954	953	953	950	949	949	948	946	949	949	949	954	958	954	952	951	950	951	954	954	953	952
20	953	952	954	954	953	948	947	948	945	945	945	946	949	950	953	954	954	953	953	950	949	949	949	949	949	950
21 Q	949	947	947	947	947	947	947	947	944	943	942	942	943	946	946	947	948	948	948	950	948	948	947	948	948	947
22	949	948	948	948	947	947	946	945	944	944	943	943	944	944	944	947	948	946	947	947	948	948	947	945	945	946
23	945	944	944	944	944	944	944	944	944	944	944	944	943	942	943	945	948	945	947	948	948	949	949	947	944	945
24	945	945	944	941	940	940	940	941	941	940	940	940	941	941	945	953	954	954	954	954	953	950	950	950	949	946
25	949	947	945	944	942	941	941	941	941	941	936	937	941	940	941	945	944	944	944	942	942	946	944	942	941	942
26 Q	941	940	939	939	937	936	936	936	937	937	940	940	937	933	937	941	940	940	937	938	938	939	940	940	940	**938**
27 D	940	940	938	937	936	936	936	936	936	933	931	931	934	935	936	941	945	958	993	1018	1084	1003	955	962	960	954
28 D	961	959	955	951	947	947	945	945	923	914	945	955	961	960	959	960	959	958	960	963	963	964	965	964	960	953
29	960	958	959	956	954	952	951	950	950	947	947	949	948	950	950	954	955	954	951	950	950	950	954	955	955	952
30	955	951	950	950	950	950	949	947	946	946	946	947	949	951	953	951	949	950	947	946	945	945	946	946	946	948
31	946	946	946	946	945	944	942	942	941	940	941	940	937	938	943	949	956	964	960	964	970	971	964	955	953	950
Mean †	948	946	945	944	943	942	942	942	**941**	941	942	943	944	945	948	951	953	953	953	955	**957**	953	950	949	947	947

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

261. Eskdalemuir. **December, 1925.**

Day.	Terrestrial Magnetic Force. North Component. Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	West Component. Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Vertical Component. Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	Character Figures.§ ΣR²	ρ	Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	100γ²			a.
1	23 27	1074	1019	11 53	55	13 25	535	500	23 58	35	14 11	946	939	20 25	**7**	43	·38	1	84·9
2	0 6	1086	1037	11 44	59	13 55	541	501	0 45	40	1 0	947	939	21 10	8	51	·46	0	84·8
3	18 19	1055	1037	11 35	**18**	13 34	536	503	0 1	33	22 0	947	938	10 56	9	15	·13	0	84·8
4	6 58	1057	1027	13 43	30	12 33	547	494	20 50	53	21 3	948	936	10 22	12	39	·34	0	84·7
5	21 50	1105	1012	20 49	93	13 15	527	**414**	21 45	113	21 43	966	939	2 40	27	221	1·97	1	84·7
6	4 10	1067	961	13 45	106	13 34	548	471	20 11	77	16 0	1005	925	1 56	80	236	2·09	1	84·7
7	15 29	1050	981	12 50	69	2 39	547	487	20 0	60	15 22	973	926	4 25	47	106	·94	1	84·6
8	22 2	1049	990	12 3	59	7 12	535	493	9 57	42	15 5	952	941	7 40	11	54	·48	1	84·5
9	21 47	1045	1009	12 39	36	12 51	534	495	16 38	39	16 53	955	938	2 50	17	31	·28	1	84·5
10	22 8	1088	999	17 1	89	12 29	527	462	22 41	65	17 15	964	941	10 54	23	127	1·12	1	84·5
11	22 40	1074	1004	11 2	70	13 1	533	467	23 3	66	—	—	—	—	—	93	·83	1	84·4
12	23 56	1052	1017	13 40	35	18 9	534	499	18 51	35	19 0	950	936	10 0	14	26	·23	0	84·3
13	0 41	1058	1009	15 29	49	11 15	526	471	1 20	55	16 0	959	938	13 0	21	59	·52	1	84·3
14	0 10 / 22 43	1063	1016	13 50	47	14 12	539	494	21 45	45	16 0	953	938	11 5	15	45	·40	0	84·3
15	7 1	1053	983	17 37	70	17 10	546	435	20 36	111	18 33	987	941	7 35	46	193	1·72	1	84·3
16	3 45	1053	1012	12 4	41	13 43	522	439	0 1	83	15 50	961	924	5 50	37	99	·88	1	84·3
17	21 23	1054	1021	12 39	33	14 29	525	500	9 44	25	15 10	956	940	9 45	16	20	·17	0	84·2
18	1 48	1051	970	17 51	81	17 42	579	494	20 41	85	18 3	986	941	9 38	45	158	1·40	1	84·2
19	20 53	1054	1020	15 30	34	14 40	525	488	0 28	37	0 30	963	946	9 32	17	28	·25	1	84·2
20	0 26	1085	1020	6 49	65	13 56	520	470	4 59	50	3 10	955	943	9 48	12	69	·61	1	84·1
21	23 52	1052	1025	11 42	27	13 32	523	499	4 9	24	19 23	951	942	9 50 / 10 42	9	14	·12	0	84·1
22	20 30	1050	1024	12 30	26	14 15	523	493	1 42	30	0 20	949	941	11 13	8	16	·15	0	84·1
23	20 8	1058	1022	11 0	36	17 11	541	480	21 3	61	21 8	952	941	12 58	11	51	·46	1	84·0
24	21 56	1065	1017	12 30	48	13 40	559	473	22 15	86	17 15	955	938	9 42	17	100	·89	1	83·9
25	20 0	1054	1030	11 5	24	10 58	527	480	20 48	47	0 1	949	936	10 20	13	30	·26	1	83·9
26	23 21	1053	1029	11 10	24	12 59	527	505	8 43	**22**	0 1 / 15 30	941	932	12 58	9	11	·10	0	83·9
27	21 9	**1118**	938	21 17	**180**	19 9	605	421	21 25	**184**	20 7	**1101**	930	9 50	**171**	955	8·48	2	83·9
28	5 10	1041	**901**	9 7	140	7 50	607	458	10 15	149	21 37	968	**905**	8 42	63	458	4·06	1	83·7
29	21 52	1038	1007	16 21	31	12 18	519	474	22 26	45	0 1	960	946	9 41	14	32	·28	1	83·7
30	20 29	1068	998	10 46	70	12 50	527	486	0 1	41	0 13	956	942	20 30	14	68	·60	1	83·7
31	22 25	1052	1012	19 42	40	13 22	523	482	20 17	41	20 20	973	937	11 20	36	46	·40	1	83·7
Mean.	—	1062	1004	—	58	—	539	478	—	61	—	964	937	—	28	113	—	0·74	84·3
No. of Days used.	—	31	31	—	31	—	31	31	—	31	—	30	30	—	30	31	—	31	31

§ For explanation see page 107. † Mean of 29 days, 11th, 12th and 31st omitted. * Magnet displaced.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 268–279.

DIURNAL INEQUALITIES OF THE GEOGRAPHICAL COMPONENTS OF MAGNETIC FORCE.—" ALL " DAYS.

(Not corrected for the effect of the North Force on the West Magnetograph, or *vice versa*, or for the effect of the Horizontal Force on the V.F. Balance.)

Departures from mean of the day adjusted for non-cyclic change.

NORTH COMPONENT (*all days except Jan.* 14, 15 ; *Feb.* 22, 23, ; *Mar.* 1 ; *Apr.* 17, 18 ; *June* 8 ; *July* 12, 13 ; *Oct.* 7 ; *Dec.* 11, 12, 13).

262. Eskdalemuir. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	+1·4	+1·8	+2·2	+3·9	+6·1	**+8·7**	+6·9	+5·5	+2·5	−4·4	−8·6	**−10·5**	−9·3	−5·3	−4·1	−3·1	−1·0	+1·2	+2·1	+2·3	+0·8	+0·2	+0·6	+0·3
Feb. ...	+2·9	+2·7	+4·6	+5·9	+7·2	**+7·6**	+7·4	+6·9	+3·0	−4·7	−9·8	**−13·7**	−12·7	−10·3	−4·9	−2·1	−0·8	−0·5	+0·7	+0·7	+1·5	+1·6	+2·8	+4·1
Mar. ...	+5·6	+6·5	+6·1	+6·4	+8·5	**+9·7**	+8·4	+5·0	−3·7	−14·9	−22·9	**−25·8**	−20·9	−13·9	−7·1	−1·5	+2·7	+5·4	+6·8	+6·7	+7·9	+9·3	+8·1	+7·4
April ...	+7·9	+6·2	+5·0	+7·7	+8·0	+10·1	+8·7	+0·6	−11·4	−26·2	**−32·0**	−32·0	−24·5	−14·8	−5·4	+3·0	+7·7	+11·7	**+13·3**	+12·2	+12·6	+11·8	+10·9	+8·9
May ...	+5·7	+3·3	+3·8	+4·4	+3·3	+2·2	−3·2	−6·5	−14·5	−24·1	**−26·9**	−25·1	−20·7	−12·3	−3·7	+4·1	+15·9	+21·0	**+21·0**	+16·4	+12·3	+10·0	+7·9	+5·7
June ...	+3·1	+2·6	+3·8	+3·5	+1·6	−0·2	−6·0	−14·6	−22·1	−29·0	**−31·4**	−28·7	−24·6	−10·7	+1·3	+12·3	+23·6	+28·2	**+29·3**	+22·4	+15·5	+11·4	+8·9	−0·3
July ...	+3·9	+3·6	+1·4	+4·1	+6·8	+2·8	−3·5	−9·6	−16·1	−26·5	**−31·2**	−30·7	−21·9	−13·0	−1·7	+7·6	+19·4	**+25·2**	+24·7	+18·7	+12·5	+8·6	+9·2	+5·7
Aug. ...	+5·6	+6·6	+5·2	+4·3	+4·0	+0·7	−2·8	−12·1	−23·4	**−34·1**	−34·0	−27·8	−20·1	−6·7	+2·7	+9·5	+15·0	+19·3	**+21·6**	+16·9	+14·7	+13·4	+12·9	+8·3
Sept. ...	+9·3	+7·7	+6·5	+7·0	+7·2	+2·4	−4·5	−12·4	−20·2	−29·5	**−30·7**	−27·2	−17·7	−9·2	−1·3	+6·7	+10·6	+14·5	+15·0	**+16·4**	+14·9	+11·9	+12·0	+10·4
Oct. ...	+3·8	+7·3	+8·8	+11·0	+7·6	**+11·7**	+6·3	+0·7	−5·7	−19·0	−24·4	**−27·2**	−21·4	−12·5	−4·2	+2·5	+5·2	+7·5	+6·6	+5·7	+8·5	+8·0	+7·7	+5·3
Nov. ...	+3·3	+4·0	+4·2	+6·2	+5·4	+7·1	**+7·9**	+5·1	−2·1	−12·0	−18·3	**−19·2**	−15·7	−8·4	−3·6	+0·7	+1·6	+4·4	+5·6	+4·0	+4·7	+5·3	+7·0	+2·7
Dec. ...	+4·1	+3·3	+3·1	+5·1	+7·0	**+7·6**	+5·9	+2·3	−2·7	−9·5	−10·8	**−12·2**	−10·7	−8·3	−4·5	−2·2	+0·2	+1·3	+2·5	+3·2	+3·3	+5·6	+2·4	+4·2
Year ...	+4·7	+4·6	+4·6	+5·8	+6·1	+5·8	+2·6	−2·4	−9·7	−19·5	**−23·4**	−23·3	−18·3	−10·4	−3·1	+3·1	+8·3	+11·6	**+12·4**	+10·5	+9·1	+8·1	+7·5	+5·2
Winter ...	+2·9	+2·9	+3·5	+5·3	+6·4	**+7·7**	+7·0	+4·9	+0·2	−7·6	−11·9	**−13·9**	−12·1	−8·1	−4·3	−1·7	0·0	+1·6	+2·7	+2·5	+2·6	+3·2	+3·2	+2·8
Equinox...	+6·7	+6·9	+6·6	+8·0	+7·9	+8·5	+4·7	−1·5	−10·2	−22·4	−27·5	**−28·0**	−21·1	−12·6	−4·5	+2·7	+6·6	+9·8	+10·4	+10·3	**+11·0**	+10·2	+9·7	+8·0
Summer ...	+4·6	+4·0	+3·5	+4·1	+3·9	+1·3	−3·9	−10·7	−19·0	−28·4	**−30·9**	−28·1	−21·8	−10·7	−0·3	+8·4	+18·5	+23·4	**+24·2**	+18·6	+13·8	+10·9	+9·7	+4·9

WEST COMPONENT (*all days except Jan.* 14, 15 ; *Feb.* 22, 23 ; *Mar.* 1 ; *Apr.* 17, 18 ; *June* 8 ; *July* 12, 13 ; *Oct.* 7 ; *Dec.* 11, 12, 13)

263. Eskdalemuir. **1925.**

Month and Season.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	−2·8	−0·7	+0·2	+1·3	+1·2	−0·1	−0·8	−3·1	−5·7	−4·0	+0·6	+5·7	+12·1	**+12·5**	+8·9	+6·5	+4·7	+3·8	+0·4	−4·8	−8·1	**−12·3**	−9·2	−6·1
Feb. ...	−9·6	−7·1	−5·5	−4·7	−3·8	−1·5	−1·6	−3·1	−7·2	−5·8	−0·1	+8·8	+15·3	**+18·3**	+16·4	+10·7	+7·7	+6·8	+5·0	−1·5	−6·4	−8·0	−11·0	**−11·8**
Mar. ...	−5·3	−4·4	−3·9	−5·2	−7·3	−7·5	−9·6	−14·7	**−16·9**	−10·1	+1·3	+14·2	+22·7	**+24·9**	+19·6	+11·7	+5·7	+3·2	+1·8	−0·6	−2·8	−4·9	−5·5	−6·0
April ...	−1·1	−3·2	−3·9	−6·0	−7·2	−10·0	−16·0	−22·5	**−23·8**	−15·7	−2·4	+13·1	+24·7	**+27·3**	+22·6	+16·6	+11·1	+5·7	+1·9	−0·5	−2·1	−2·9	−2·2	−3·4
May ...	−6·6	−5·8	−5·8	−10·7	−13·1	−17·6	−20·1	**−23·0**	−20·1	−12·0	+0·3	+13·9	+22·0	**+24·0**	+21·4	+17·6	+16·4	+9·6	+4·8	+2·9	+2·0	+2·1	+0·1	−2·4
June ...	−7·9	−7·7	−9·8	−12·9	−16·9	−19·3	−22·2	**−27·2**	−25·8	−15·8	−2·7	+14·9	+25·1	**+30·6**	+27·1	+23·0	+19·0	+16·3	+12·0	+7·7	+2·6	−1·6	−4·9	−3·5
~~July~~ ...	~~−8·2~~	~~−6·0~~	~~−3·1~~	~~−7·5~~	~~−18·5~~	~~−23·1~~	~~−24·7~~	~~**−26·6**~~	~~−25·4~~	~~−16·1~~	~~−3·3~~	~~+11·5~~	~~+23·6~~	~~**+27·6**~~	~~+27·3~~	~~+23·9~~	~~+17·2~~	~~+16·0~~	~~+9·8~~	~~+7·4~~	~~+3·1~~	~~+0·7~~	~~−2·3~~	~~−3·4~~
Aug. ...	−6·5	−6·4	−8·0	−9·4	−13·5	−18·2	−24·1	**−26·3**	−23·9	−12·5	+2·8	+17·6	+29·1	**+32·2**	+25·9	+18·3	+11·9	+9·5	+7·3	+3·2	+2·7	−1·1	−3·7	−6·8
Sept. ...	−5·3	−5·4	−7·5	−6·4	−9·3	−10·4	−16·5	**−18·6**	−13·9	−2·8	+9·2	+21·4	**+27·3**	+25·5	+18·7	+10·1	+2·0	+1·6	−2·5	−1·7	+0·2	−6·3	−4·7	−4·8
Oct. ...	−11·7	−8·8	−7·1	−5·7	−2·7	−2·0	−4·1	−9·4	−12·7	−9·8	+1·4	+16·5	+24·7	**+28·4**	+24·7	+20·3	+12·3	+6·0	+1·6	−6·5	−9·3	−14·7	**−15·9**	−15·7
Nov. ...	−5·2	−3·3	−2·6	−3·7	+0·4	+0·3	−1·0	−4·5	−8·6	−6·5	+2·7	+12·6	+16·9	**+18·4**	+15·3	+12·3	+7·5	+4·4	−3·2	−6·9	−8·0	−12·2	**−13·6**	−11·5
Dec. ...	−8·0	−6·7	−3·6	−4·3	−3·6	−3·7	−2·3	+0·6	−4·0	−5·5	+1·9	+7·9	+14·2	**+15·4**	+13·4	+10·3	+8·2	+9·6	+4·0	−2·2	−7·8	**−13·8**	−11·3	−8·8
July	−8·3	−6·1	−3·2	−7·6	−18·6	−23·2	−24·8	−26·7	−25·5	−16·2	−3·4	+11·4	+23·5	+27·5	+27·2	+23·8	+19·4	+15·9	+9·7	+7·3	+3·0	+0·6	−2·4	−3·5
Year ...	−6·5	−5·5	−5·1	−6·3	−7·9	−9·4	−11·9	−14·9	**−15·7**	−9·7	+1·0	+13·2	+21·5	**+23·7**	+20·1	+15·1	+10·~~8~~ 5	+7·7	+3·6	−0·3	−2·8	−6·3	−7·0	−7·0
Winter ...	−6·4	−4·5	−2·9	−2·9	−1·5	−1·3	−1·4	−2·5	−6·4	−5·5	+1·3	+8·7	+14·6	**+16·1**	+13·5	+9·9	+7·0	+6·2	+1·5	−3·9	−7·6	**−11·6**	−11·3	−9·5
Equinox...	−5·8	−5·5	−5·6	−5·8	−6·6	−7·5	−11·5	−16·3	**−16·8**	−9·6	+2·4	+16·3	+24·9	**+26·5**	+21·4	+14·7	+7·8	+4·1	+0·7	−2·3	−3·5	−7·2	−7·1	−7·5
Summer ...	−7·3	−6·5	−6·7	−10·1	−15·5	−19·5	−22·8	**−25·8**	−23·8	−14·1	−0·7	+14·5	+25·0	**+28·6**	+25·4	+20·7	+16·7	+12·9	+8·5	+5·3	+2·6	0·0	−2·7	−4·0

VERTICAL COMPONENT (*all days except Jan.* 14, 15 ; *Feb.* 22, 23 ; *Mar.* 1 ; *Apr.* 17, 18 ; *June* 8 ; *July* 12, 13 ; *Oct.* 7 ; *Dec.* 11, 12, 13).

264. Eskdalemuir. **1925.**

Month and Season.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	−3·4	−4·8	−4·4	−4·4	**−4·9**	−4·5	−4·1	−3·0	−2·3	−1·4	−0·7	−0·1	+0·1	+1·6	+3·7	+4·6	+4·8	+4·7	+5·0	**+5·1**	+4·6	+3·6	+1·2	−1·1
Feb. ...	−0·2	−1·8	−3·3	−3·5	−3·1	−3·7	−4·0	−3·7	−3·0	−4·1	−5·4	**−5·4**	−4·2	−2·3	+2·1	+4·8	+5·4	+5·4	+5·7	**+6·9**	+6·7	+5·7	+3·5	+1·4
Mar. ...	+1·1	+0·1	−1·2	−1·7	−1·5	−1·6	−0·9	0·0	−1·7	−5·4	−8·0	**−8·9**	−7·1	−3·5	+1·8	+5·5	**+6·4**	+5·7	+5·4	+4·9	+4·1	+3·1	+1·7	+1·4
April ...	−1·3	−2·9	−4·5	−3·6	−2·5	−1·5	+0·1	0·0	−2·6	−5·9	−9·2	**−12·2**	−10·6	−4·9	+1·0	+5·6	+9·1	+11·1	**+11·5**	+9·7	+7·1	+4·4	+1·6	+0·6
May ...	−4·5	−4·7	−3·8	−2·7	−1·2	−0·5	+0·4	−1·8	−4·6	−8·5	−12·4	**−14·6**	−10·4	−3·8	+1·5	+6·9	+9·8	+13·2	**+14·3**	+12·3	+9·0	+5·4	+2·4	−1·8
June ...	−9·4	−9·4	−6·3	−4·6	−2·6	−4·4	−3·9	−2·9	−4·2	−7·7	−9·7	**−10·6**	−6·9	−2·8	+3·7	+10·6	+15·3	**+17·2**	+17·0	+14·1	+10·0	+6·9	−0·3	−9·1
July ...	−3·8	−2·5	−2·9	−4·7	−1·8	−0·1	−0·4	−1·0	−2·9	−5·8	−9·0	**−10·8**	−8·6	−5·4	−2·2	+3·5	+8·4	+12·5	**+13·8**	+11·3	+8·6	+5·7	+0·8	−2·9
Aug. ...	−6·0	−8·4	−8·6	−6·2	−2·5	+0·2	+1·5	+1·7	−0·8	−4·8	−7·5	**−9·7**	−8·7	−3·1	+5·2	+9·6	**+11·8**	+11·1	+10·9	+9·7	+6·8	+3·6	−1·6	−4·3
Sept. ...	−7·7	−9·0	−8·5	**−9·7**	−7·9	−4·5	−1·6	−1·2	−2·1	−4·2	−5·7	−6·7	−3·5	+2·1	+6·5	+12·4	**+14·9**	+14·5	+12·3	+11·4	+6·3	+0·4	−3·9	−4·7
Oct. ...	−7·9	−8·6	−10·5	−12·5	**−12·5**	−10·2	−6·8	−3·1	−0·7	−1·1	−3·1	−4·0	−1·7	+1·9	+8·3	+13·1	+14·8	**+16·2**	+16·1	+12·7	+6·8	+0·4	−2·2	−5·5
Nov. ...	−5·8	−6·7	**−9·9**	−9·9	−8·1	−6·3	−4·2	−1·8	−0·4	−0·3	−1·6	−1·0	+0·3	+2·1	+4·4	+6·1	**+9·1**	+8·9	+8·8	+8·1	+6·3	+3·5	+0·9	−2·5
Dec. ...	−0·9	−2·1	−3·7	−4·7	−4·9	−5·2	−5·1	**−5·9**	−5·8	−4·7	−4·6	−2·9	−1·8	+0·5	+3·7	+6·2	+6·0	+6·5	+7·6	**+9·7**	+6·1	+3·4	+1·9	+0·6
Year ...	−4·1	−5·1	−5·6	−5·7	−4·5	−3·5	−2·4	−1·9	−2·6	−4·5	−6·4	**−7·2**	−5·3	−1·5	+3·3	+7·4	+9·7	+10·6	**+10·7**	+9·7	+6·9	+3·8	+0·5	−2·3
Winter ...	−2·6	−3·9	−5·3	**−5·6**	−5·3	−4·9	−4·4	−3·6	−2·9	−2·6	−3·1	−2·3	−1·4	+0·5	+3·5	+5·4	+6·3	+6·4	+6·8	**+7·4**	+5·9	+4·1	+1·9	−0·4
Equinox...	−3·9	−5·1	−6·2	−6·9	−6·1	−4·5	−2·3	−1·1	−1·8	−4·1	−6·5	**−7·9**	−5·7	−1·1	+4·4	+9·1	+11·3	**+11·9**	+11·3	+9·7	+6·1	+2·1	−0·7	−2·0
Summer ...	−5·9	−6·2	−5·4	−4·5	−2·0	−1·2	−0·6	−1·0	−3·1	−6·7	−9·6	**−11·4**	−8·7	−3·8	+2·1	+7·7	+11·3	+13·5	**+14·0**	+11·9	+8·6	+5·4	+0·3	−4·5

DIURNAL INEQUALITIES OF THE MAGNETIC COMPONENTS, DECLINATION, INCLINATION, AND HORIZONTAL FORCE.— "ALL" DAYS.

Departures from mean of the day adjusted for non-cyclic change.

DECLINATION (measured positive towards the West) (*all days except Jan.* 14, 15; *Feb.* 22, 23; *Mar.* 1; *Apr.* 17, 18; *June* 8; *July* 12, 13; *Oct.* 7; *Dec.* 11, 12, 13).

265. Eskdalemuir. **1925.**

Month and Season.	Hour G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan. ...	−0·63	−0·25	−0·09	+0·03	−0·11	−0·52	−0·55	−0·91	−1·28	−0·55	+0·61	+1·73	**+2·92**	+2·77	+2·00	+1·46	+0·99	+0·69	−0·05	−1·09	−1·66	**−2·45**	−1·86	−1·22
Feb. ...	−2·08	−1·57	−1·35	−1·27	−1·16	−0·73	−0·74	−1·01	−1·60	−0·89	+0·54	+2·51	+3·75	**+4·20**	+3·53	+2·25	+1·56	+1·39	+0·95	−0·34	−1·36	−1·67	−2·34	**−2·58**
Mar. ...	−1·37	−1·24	−1·12	−1·39	−1·94	−2·04	−2·39	**−3·20**	−3·15	−1·16	+1·54	+4·27	+5·68	**+5·73**	+4·29	+2·40	+0·97	+0·32	−0·02	−0·50	−1·01	−1·50	−1·56	−1·61
April ...	−0·66	−0·99	−1·05	−1·62	−1·89	−2·55	−3·66	**−4·50**	−4·08	−1·65	+1·33	+4·40	**+6·29**	+6·25	+4·79	+3·12	+1·76	+0·48	−0·38	−0·78	−1·14	−1·23	−1·06	−1·17
May ...	−1·62	−1·34	−1·36	−2·37	−2·78	−3·61	−3·82	**−4·19**	−3·17	−1·03	+1·59	+4·17	**+5·54**	+5·46	+4·46	+3·26	+2·36	+0·73	−0·24	−0·35	−0·30	−0·15	−0·44	−0·80
June ...	−1·74	−1·68	−2·16	−2·75	−3·45	−3·82	−4·07	**−4·57**	−3·88	−1·51	+1·22	+4·56	+6·36	**+6·67**	+5·31	+3·86	+2·44	+1·66	+0·74	+0·26	−0·36	−0·96	−1·47	−0·68
July ...	−1·85	−1·39	−0·70	−1·71	−4·06	**−4·74**	−4·70	−4·73	−4·14	−1·70	+1·10	+4·00	+5·92	**+6·21**	+5·52	+4·31	+2·~~77~~	+1·76	+0·56	+0·42	−0·08	−0·35	−0·97	−1·01 /·75
Aug. ...	−1·60	−1·64	−1·88	−2·10	−2·91	−3·65	**−4·62**	−4·55	−3·42	−0·57	+2·47	+5·05	**+6·91**	+6·76	+4·98	+3·10	+1·52	+0·79	+0·23	−0·32	−0·29	−0·97	−1·45	−1·81
Sept. ...	−1·58	−1·50	−1·85	−1·66	−2·25	−2·20	**−3·03**	−3·01	−1·63	+1·10	+3·55	+5·77	**+6·42**	+5·58	+3·78	+1·64	−0·20	−0·48	−1·33	−1·26	−0·79	−1·93	−1·60	−1·53
Oct. ...	−2·53	−2·17	−1·91	−1·76	−0·96	−1·04	−1·16	−1·90	−2·21	−0·87	+1·65	+4·81	+6·11	**+6·33**	+5·14	+3·89	+2·15	+0·78	−0·05	−1·60	−2·34	−3·37	**−3·58**	−3·41
Nov. ...	−1·22	−0·89	−0·75	−1·07	−0·22	−0·33	−0·65	−1·17	−1·59	−0·61	+1·56	+3·57	**+4·24**	+4·12	+3·24	+2·40	+1·40	+0·62	−0·95	−1·58	−1·85	−2·73	**−3·09**	−2·43
Dec. ...	−1·81	−1·52	−0·89	−1·13	−1·10	−1·16	−0·79	−0·01	−0·65	−0·56	+0·97	+2·25	+3·42	**+3·53**	+2·91	+2·18	+1·61	+1·84	+0·66	−0·62	−1·73	**−3·05**	−2·37	−1·98
Year ...	−1·56	−1·35	−1·26	−1·57	−1·90	−2·20	−2·51	**−2·81**	−2·57	−0·83	+1·51	+3·92	+5·30	**+5·30**	+4·16	+2·82	+1·~~57~~ ·61	+0·88	+0·01	−0·65	−1·08	−1·70	−1·82	−1·69
Winter ...	−1·43	−1·06	−0·77	−0·86	−0·65	−0·69	−0·68	−0·77	−1·28	−0·65	+0·92	+2·51	+3·58	**+3·65**	+2·92	+2·07	+1·39	+1·13	+0·15	−0·91	−1·65	**−2·47**	−2·41	−2·05
Equinox ...	−1·53	−1·47	−1·48	−1·61	−1·76	−1·96	−2·56	**−3·15**	−2·77	−0·65	+2·02	+4·81	**+6·13**	+5·97	+4·50	+2·76	+1·17	+0·27	−0·45	−1·03	−1·32	−2·01	−1·95	−1·93
Summer ...	−1·70	−1·51	−1·53	−2·23	−3·30	−3·95	−4·30	**−4·51**	−3·65	−1·20	+1·59	+4·45	+6·18	**+6·27**	+5·07	+3·63	+2·~~16~~ ·27	+1·23	+0·32	0·00	−0·26	−0·61	−1·08	−1·07

INCLINATION (*all days except Jan.* 14, 15; *Feb.* 22, 23; *Mar.* 1; *Apr.* 17, 18; *June* 8; *July* 12, 13; *Oct.* 7; *Dec.* 11, 12, 13).

266. Eskdalemuir. **1925.**

Month and Season.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan. ...	−0·12	−0·22	−0·26	−0·39	−0·54	**−0·67**	−0·53	−0·37	−0·11	+0·32	+0·53	**+0·57**	+0·38	+0·15	+0·20	+0·20	+0·10	−0·03	−0·02	+0·07	+0·21	+0·30	+0·16	+0·07
Feb. ...	−0·01	−0·09	−0·28	−0·38	−0·48	**−0·55**	−0·55	−0·48	−0·14	+0·31	+0·50	**+0·59**	+0·44	+0·27	+0·07	+0·06	+0·05	+0·04	0·00	+0·16	+0·19	+0·19	+0·11	−0·01
Mar. ...	−0·24	−0·34	−0·36	−0·36	−0·45	**−0·53**	−0·39	−0·06	+0·51	+1·02	**+1·26**	+1·19	+0·76	+0·35	+0·15	+0·02	−0·12	−0·27	−0·34	−0·30	−0·36	−0·43	−0·38	−0·34
April ...	−0·52	−0·41	−0·37	−0·47	−0·45	−0·51	−0·26	+0·38	+1·11	+1·84	**+1·88**	+1·52	+0·87	+0·33	−0·04	−0·36	−0·47	−0·58	−0·61	−0·54	−0·60	−0·60	**−0·63**	−0·50
May ...	−0·36	−0·23	−0·24	−0·16	−0·01	+0·17	+0·59	+0·80	+1·19	**+1·57**	+1·43	+1·01	+0·68	+0·26	−0·12	−0·41	−1·08	**−1·20**	−1·09	−0·80	−0·61	−0·55	−0·45	−0·37
June ...	−0·29	−0·26	−0·22	−0·11	+0·14	+0·26	+0·69	+1·37	+1·80	**+1·97**	+1·84	+1·32	+0·96	+0·06	−0·48	−0·95	−1·49	**−1·70**	−1·69	−1·24	−0·80	−0·54	−0·49	−0·14
July ...	−0·20	−0·18	−0·11	−0·24	−0·15	+0·24	+0·67	+1·08	+1·44	**+1·87**	+1·85	+1·51	+0·77	+0·20	−0·45	−0·84	−1·36	**−1·61**	−1·44	−1·07	−0·65	−0·43	−0·53	−0·38
Aug. ...	−0·40	−0·52	−0·41	−0·26	−0·07	+0·30	+0·66	+1·30	+1·93	**+2·32**	+1·96	+1·24	+0·55	−0·23	−0·52	−0·71	−0·90	−1·14	**−1·26**	−0·91	−0·83	−0·76	−0·81	−0·52
Sept. ...	−0·70	−0·63	−0·50	−0·58	−0·50	−0·08	+0·55	+1·11	+1·51	**+1·86**	+1·68	+1·20	+0·56	+0·18	−0·10	−0·31	−0·35	−0·60	−0·62	−0·75	**−0·81**	−0·65	−0·79	−0·70
Oct. ...	−0·23	−0·53	−0·70	−0·92	−0·76	**−0·97**	−0·50	+0·05	+0·58	+1·38	**+1·47**	+1·36	+0·89	+0·34	+0·03	−0·20	−0·19	−0·19	−0·05	+0·07	−0·21	−0·24	−0·27	−0·20
Nov. ...	−0·27	−0·37	−0·48	−0·58	−0·56	**−0·62**	−0·60	−0·29	+0·28	+0·89	**+1·10**	+0·99	+0·71	+0·26	+0·07	−0·12	−0·01	−0·15	−0·08	+0·07	0·00	−0·04	−0·18	−0·03
Dec. ...	−0·14	−0·14	−0·22	−0·37	−0·51	**−0·55**	−0·47	−0·31	+0·11	**+0·60**	+0·55	+0·58	+0·39	+0·27	+0·14	+0·11	−0·01	−0·10	−0·05	+0·07	+0·08	−0·03	+0·09	−0·10
Year ...	−0·29	−0·33	−0·35	−0·40	−0·36	−0·29	−0·01	+0·38	+0·85	+1·33	**+1·34**	+1·09	+0·66	+0·20	−0·09	−0·29	−0·49	**−0·63**	−0·60	−0·43	−0·37	−0·31	−0·35	−0·27
Winter ...	−0·13	−0·21	−0·31	−0·43	−0·52	**−0·60**	−0·54	−0·36	+0·03	+0·53	+0·67	**+0·68**	+0·48	+0·24	+0·12	+0·06	+0·03	−0·06	−0·04	+0·09	+0·12	+0·11	+0·05	−0·02
Equinox ...	−0·42	−0·48	−0·48	**−0·58**	−0·54	−0·52	−0·15	+0·37	+0·93	+1·53	**+1·57**	+1·32	+0·77	+0·30	+0·01	−0·21	−0·28	−0·41	−0·41	−0·38	−0·49	−0·48	−0·52	−0·43
Summer ...	−0·31	−0·30	−0·25	−0·19	−0·02	+0·24	+0·65	+1·14	+1·59	**+1·93**	+1·77	+1·27	+0·74	+0·07	−0·39	−0·73	−1·21	**−1·41**	−1·37	−1·01	−0·72	−0·57	−0·57	−0·35

HORIZONTAL FORCE (*all days except Jan.* 14, 15; *Feb.* 22, 23; *Mar.* 1; *Apr.* 17, 18; *June* 8; *July* 12, 13; *Oct.* 7; *Dec.* 11, 12, 13).

267. Eskdalemuir. **1925.**

Month and Season.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	+ 0·5	+1·5	+ 2·2	+ 4·1	+ 6·2	+ **8·3**	+ 6·4	+ 4·4	+ 0·8	+ 5·3	− 8·1	− **8·5**	− 5·6	− 1·7	− 1·6	− 1·2	+ 0·3	+ 2·2	+ 2·1	+ 0·9	− 1·4	− 3·1	− 1·9	− 1·4
Feb. ...	+ 0·1	+ 0·6	+ 2·9	+ 4·4	+ 5·9	+ **6·9**	+ 6·6	+ 5·8	+ 1·0	− 6·1	− 9·5	**−10·7**	− 8·1	− 4·9	− 0·2	+ 0·9	+ 1·3	+ 1·3	+ 2·1	+ 0·2	− 0·4	− 0·7	− 0·3	+ 0·7
Mar. ...	+ 4·0	+ 5·1	+ 4·9	+ 4·7	+ 6·2	+ 7·2	+ 5·5	+ 0·8	− 8·2	−17·1	**−21·7**	−20·9	−13·9	− 6·5	− 1·5	+ 1·7	+ 4·2	+ 6·1	+ 7·0	+ 6·3	+ 6·9	+ **7·5**	+ 6·3	+ 5·5
April ...	+ 7·3	+ 5·1	+ 3·8	+ 5·7	+ 5·8	+ 7·0	+ 4·0	− 5·6	−17·5	−29·5	**−31·4**	−27·2	−16·8	− 6·8	+ 1·0	+ 7·4	+10·5	+12·8	**+13·3**	+11·6	+11·6	+10·5	+ 9·9	+ 7·6
May ...	+ 3·7	+ 1·6	+ 2·1	+ 1·3	− 0·3	− 2·7	− 8·6	−12·5	−19·4	**−26·4**	−25·8	−20·4	−13·9	− 5·3	+ 2·3	+ 8·7	+19·8	**+22·8**	+21·5	+16·5	+12·4	+10·2	+ 7·6	+ 4·9
June ...	+ 0·8	+ 0·4	+ 0·9	− 0·1	− 3·0	− 5·5	−11·8	−21·5	−28·3	**−32·2**	−31·0	−23·5	−16·8	− 1·9	+ 8·6	+18·1	+27·9	**+31·6**	+31·5	+23·6	+15·7	+10·6	+ 7·2	− 1·2
July ...	+ 1·5	+ 1·8	+ 0·5	+ 1·9	+ 1·5	− 3·6	−10·1	−16·5	−22·4	**−29·9**	**−30·9**	−26·4	−14·6	− 5·0	+ 5·8	+13·8	+23·~~6~~	**+28·6**	+26·5	+20·1	+12·9	+ 8·5	+ 8·2	+ 4·6 /·9
Aug. ...	+ 3·7	+ 4·6	+ 2·8	+ 1·6	+ 0·2	− 4·3	− 9·2	−18·8	−29·0	**−36·3**	−31·9	−22·0	−11·4	+ 2·3	+ 9·6	+14·1	+17·7	+21·2	**+22·8**	+17·2	+14·9	+12·6	+11·5	+ 6·1
Sept. ...	+ 7·5	+ 6·0	+ 4·2	+ 5·0	+ 4·4	− 0·6	− 8·8	−17·0	−23·2	**−29·1**	−27·1	−20·4	− 9·6	− 1·9	+ 3·8	+ 9·2	+10·7	+14·4	+13·8	**+15·4**	+14·3	+ 9·8	+10·3	+ 8·7
Oct. ...	+ 0·5	+ 4·7	+ 6·5	+ 9·0	+ 6·6	**+10·7**	+ 5·0	− 1·9	− 8·9	−21·0	**−23·1**	−21·7	−13·9	− 4·3	+ 2·7	+ 7·9	+ 8·4	+ 8·9	+ 6·8	+ 3·8	+ 5·7	+ 3·7	+ 3·1	+ 0·9
Nov. ...	+ 1·8	+ 2·9	+ 3·4	+ 5·0	+ 5·3	+ 7·0	+ **7·4**	+ 3·7	− 4·4	−13·3	**−16·9**	−15·1	−10·5	− 3·1	+ 0·6	+ 4·0	+ 3·5	+ 5·5	+ 4·5	+ 2·0	+ 2·4	+ 1·8	+ 3·1	− 0·5
Dec. ...	+ 1·7	+ 1·3	+ 2·0	+ 3·7	+ 5·8	+ **6·3**	+ 5·1	+ 2·4	− 3·7	**−10·6**	− 9·9	− 9·6	− 6·5	− 3·8	− 0·7	+ 0·6	+ 3·4	+ 3·9	+ 3·5	+ 2·5	+ 1·0	+ 1·7	− 0·7	+ 1·7
Year ...	+ 2·8	+ 3·0	+ 3·0	+ 3·9	+ 3·7	+ 3·1	− 0·7	− 6·4	−13·6	−21·4	**−22·3**	−18·9	−11·8	− 3·6	+ 2·5	+ 7·1	+10·~~8~~ ·9	**+13·3**	+12·9	+10·0	+ 8·0	+ 6·1	+ 5·4	+ 3·1
Winter ...	+ 1·0	+ 1·6	+ 2·6	+ 4·3	+ 5·8	+ **7·1**	+ 6·4	+ 4·1	− 1·6	− 8·8	**−11·1**	−11·0	− 7·7	− 3·4	− 0·5	+ 1·1	+ 1·9	+ 3·2	+ 3·1	+ 1·4	+ 0·4	− 0·1	+ 0·1	+ 0·1
Equinox ...	+ 4·8	+ 5·2	+ 4·9	+ 6·1	+ 5·7	+ 6·1	+ 1·4	− 5·9	−14·5	−24·2	**−25·8**	−22·5	−13·5	− 4·9	+ 1·5	+ 6·5	+ 8·5	**+10·5**	+10·2	+ 9·3	+ 9·6	+ 7·9	+ 7·4	+ 5·7
Summer ...	+ 2·4	+ 2·1	+ 1·6	+ 1·2	− 0·4	− 4·0	− 9·9	−17·3	−24·8	**−31·2**	−29·9	−23·1	−14·2	− 2·5	+ 6·6	+13·7	+22·~~2~~ ·3	**+26·1**	+25·6	+19·3	+14·0	+10·5	+ 8·6	+ 3·6

DIURNAL INEQUALITIES OF THE GEOGRAPHICAL COMPONENTS OF MAGNETIC FORCE.— INTERNATIONAL QUIET DAYS.

Departures from mean of the day adjusted for non-cyclic change.

NORTH COMPONENT (*Quiet Days*).

268. Eskdalemuir. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	0·0	+ 0·3	+ 1·5	+ 4·6	+ 4·3	+ 6·3	+ **7·4**	+ 4·7	+ 0·9	− 6·0	− 9·1	−**10·1**	− 7·2	− 4·9	− 4·1	− 2·0	+ 0·9	+ 2·5	+ 2·0	+ 1·1	+ 1·5	+ 1·8	+ 1·7	+ 1·5
Feb. ...	+ 1·0	+ 1·7	+ 2·3	+ 3·6	+ 4·8	+ 4·9	+ **7·3**	+ 6·0	+ 2·2	− 3·9	−11·3	−**12·6**	−10·0	− 6·7	− 3·5	− 2·4	− 0·6	+ 0·5	+ 2·5	+ 2·6	+ 2·4	+ 2·5	+ 4·5	+ 1·8
Mar. ...	+ 6·7	+ 6·0	+ 5·7	+ 5·9	+ 6·6	+ **7·9**	+ 7·3	+ 5·6	− 2·5	−12·6	−20·9	−**23·7**	−20·8	−12·7	− 5·9	− 0·4	+ 3·1	+ 5·4	+ 6·3	+ 6·1	+ 6·6	+ 6·5	+ 6·9	+ 7·0
April ...	+ 8·3	+ 5·3	+ 5·0	+ 5·4	+ 7·2	+ 9·0	+ 8·9	+ 2·5	− 9·9	−21·9	−26·6	−**28·2**	−22·2	−13·9	− 4·1	+ 1·5	+ 4·1	+ 8·7	+**10·6**	+10·0	+ 9·8	+10·3	+10·3	+ 9·9
May ...	+ 5·4	+ 4·4	+ 4·9	+ 5·7	+ 5·5	+ 3·5	− 0·4	− 5·2	−10·2	−18·2	−22·7	−**24·5**	−19·7	−13·9	− 6·6	+ 2·0	+10·2	+15·4	+**15·7**	+13·9	+11·9	+ 9·3	+ 7·8	+ 6·0
June ...	+ 4·6	+ 4·1	+ 6·1	+ 7·9	+ 8·8	+ 5·0	− 3·3	−10·5	−20·1	−28·6	−**33·6**	−33·3	−24·7	−11·0	− 2·4	+ 8·1	+16·9	+21·9	+**23·2**	+20·0	+13·3	+10·5	+ 9·3	+ 7·8
July ...	+ 5·7	+ 5·1	+ 5·2	+ 8·2	+ 7·7	+ 4·5	+ 0·1	− 7·4	−13·8	−22·3	−**27·7**	−24·1	−17·0	−10·4	− 4·1	+ 4·5	+10·0	+13·2	+**14·6**	+12·9	+12·9	+ 9·4	+ 6·6	+ 6·3
Aug. ...	+ 5·6	+ 3·5	+ 4·7	+ 5·0	+ 4·8	+ 3·5	− 1·5	− 7·0	−15·1	−24·7	−**28·8**	−28·0	−21·5	−10·5	+ 1·8	+ 5·9	+11·7	+14·8	+**19·5**	+15·9	+12·6	+11·2	+ 9·7	+ 6·9
Sept. ...	+10·5	+**12·5**	+ 9·7	+ 9·1	+ 7·9	+ 6·1	+ 3·0	− 5·0	−13·2	−24·6	−**28·8**	−28·4	−19·3	−12·5	− 3·1	+ 4·5	+ 5·3	+ 8·5	+10·0	+11·0	+ 9·6	+ 9·2	+ 9·0	+ 9·0
Oct. ...	+ 5·4	+ 6·5	+ 7·2	+ 6·5	+ 7·2	+ 8·9	+ 4·6	+ 1·3	− 8·0	−20·9	−**28·1**	−26·8	−20·1	−10·8	− 4·3	+ 0·6	+ 5·3	+ 7·6	+10·3	+ 9·6	+**10·9**	+ 9·7	+ 9·5	+ 7·9
Nov. ...	+ 2·5	+ 2·8	+ 2·4	+ 4·3	+ 4·8	+ 6·0	+ 4·7	+ 3·0	− 1·8	−10·7	−15·2	−**16·4**	−12·5	− 7·6	− 4·2	− 1·3	+ 2·6	+ 4·8	+ 5·9	+ **6·2**	+ 6·0	+ 5·7	+ 5·0	+ 3·0
Dec. ...	+ 2·4	+ 1·2	+ 1·2	+ 2·2	+ 4·8	+ 4·6	+ 4·2	+ 0·6	− 1·8	− 4·6	− 7·3	−11·5	−**11·5**	− 8·9	− 7·9	− 3·5	+ 2·1	+ 4·5	+ 4·3	+ 4·5	+ **5·9**	+ 4·9	+ 5·3	+ 4·3
Year ...	+ 4·8	+ 4·5	+ 4·7	+ 5·7	+ 6·2	+ 5·9	+ 3·5	− 0·9	− 7·8	−16·6	−21·7	−**22·3**	−17·2	−10·3	− 4·0	+ 1·5	+ 6·0	+ 9·0	+**10·4**	+ 9·5	+ 8·6	+ 7·6	+ 7·1	+ 5·9
Winter ...	+ 1·5	+ 1·5	+ 1·9	+ 3·7	+ 4·7	+ 5·5	+ **5·9**	+ 3·6	− 0·1	− 6·3	−10·7	−**12·8**	−10·3	− 7·0	− 4·9	− 2·3	+ 1·3	+ 3·1	+ 3·7	+ 3·6	+ 3·9	+ 3·7	+ 4·1	+ 2·7
Equinox ...	+ 7·7	+ 7·6	+ 6·9	+ 6·7	+ 7·2	+ 8·0	+ 5·9	+ 1·1	− 8·4	−20·0	−26·1	−**26·8**	−20·6	−12·5	− 4·3	+ 1·5	+ 4·5	+ 7·6	+ **9·3**	+ 9·2	+ 9·2	+ 8·9	+ 8·9	+ 8·5
Summer ...	+ 5·3	+ 4·3	+ 5·2	+ 6·7	+ 6·7	+ 4·1	− 1·3	− 7·5	−14·8	−23·5	−**28·2**	−27·5	−20·7	−11·4	− 2·8	+ 5·1	+12·2	+16·3	+**18·3**	+15·7	+12·7	+10·1	+ 8·3	+ 6·7

WEST COMPONENT (*Quiet Days*).

269. Eskdalemuir. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	+ 0·8	+ 2·4	+ 2·7	+ 2·9	+ 0·2	+ 0·2	− 1·7	− 5·3	− **8·6**	− 6·4	− 1·3	+ 2·1	+ 8·4	+ **9·0**	+ 5·9	+ 3·7	+ 2·0	+ 1·0	− 0·7	− 3·1	− 4·4	− 3·8	− 3·7	− 1·9
Feb. ...	− 1·2	+ 0·8	− 0·3	− 1·6	− 1·9	− 1·6	− 2·6	− 4·3	− **8·0**	− 6·0	− 1·4	+ 5·6	+11·6	+**13·3**	+ 9·9	+ 3·6	+ 0·9	− 0·1	− 0·8	− 2·1	− 2·5	− 3·5	− 4·5	− 3·2
Mar. ...	− 2·2	− 3·3	− 3·2	− 3·1	− 4·2	− 4·7	− 6·4	−11·5	−**15·1**	−11·2	− 1·3	+10·2	+17·5	+**18·8**	+14·7	+ 6·8	+ 3·3	+ 0·8	+ 1·3	+ 0·3	− 0·7	− 1·9	− 2·0	− 2·9
April ...	− 0·7	− 2·5	− 3·2	− 4·2	− 6·5	−11·1	−17·7	−23·4	−**24·6**	−17·1	− 5·1	+ 6·7	+16·2	+**19·6**	+16·9	+12·3	+ 9·3	+ 6·4	+ 6·4	+ 4·9	+ 6·1	+ 4·7	+ 4·8	+ 1·8
May ...	− 0·2	− 2·6	− 5·3	− 6·5	−12·7	−15·8	−19·2	−**21·4**	−20·1	−14·5	− 4·3	+ 6·8	+15·2	+**17·4**	+15·5	+13·5	+11·7	+10·0	+ 8·4	+ 6·8	+ 5·7	+ 5·9	+ 4·1	+ 1·6
June ...	− 4·8	− 4·6	− 3·7	− 8·9	−14·9	−22·5	−25·2	−**31·4**	−28·4	−17·8	− 2·9	+15·1	+27·9	+**33·3**	+27·0	+20·0	+17·4	+12·4	+ 5·7	+ 2·1	+ 0·5	+ 3·1	+ 0·4	+ 0·2
July ...	− 0·5	− 3·1	− 4·3	− 8·1	−15·2	−22·0	−24·8	−**25·1**	−21·6	−14·7	+ 0·6	+12·0	+22·2	+**24·9**	+22·1	+15·1	+10·3	+ 9·0	+ 6·5	+ 5·2	+ 3·6	+ 4·3	+ 3·3	0·0
Aug. ...	− 2·5	− 2·7	− 5·7	− 6·5	−12·9	−16·3	−22·3	−**25·7**	−22·9	−14·7	− 3·1	+ 7·7	+19·3	+**23·7**	+20·7	+13·3	+ 8·5	+ 8·1	+ 9·5	+ 7·7	+ 7·1	+ 4·7	+ 4·3	+ 0·1
Sept. ...	− 0·2	− 0·3	− 4·1	− 4·8	− 7·5	−11·8	−16·9	−**22·2**	−20·5	−10·5	+ 4·2	+16·3	+**24·0**	+19·9	+13·7	+ 6·4	+ 0·5	+ 1·4	+ 2·9	+ 3·4	+ 2·3	+ 1·7	+ 1·8	+ 0·5
Oct. ...	− 3·9	− 3·3	− 4·6	− 5·7	− 5·1	− 7·0	− 8·8	−14·3	−**19·5**	−16·6	− 4·1	+11·5	+18·6	+**20·4**	+16·9	+10·7	+ 6·4	+ 5·3	+ 3·5	+ 2·8	+ 1·4	− 0·1	− 1·2	− 3·2
Nov. ...	− 3·4	− 2·5	− 0·3	+ 0·6	+ 0·3	− 1·8	− 2·8	− 4·7	− **8·8**	− 7·5	+ 0·3	+ 9·0	+12·3	+**13·7**	+ 8·8	+ 5·5	+ 4·0	+ 2·5	− 1·1	− 2·6	− 3·5	− 4·5	− 6·8	− 6·7
Dec. ...	− **6·5**	− 5·9	− 3·6	− 3·6	− 5·1	− 5·7	− 4·8	− 4·4	− 4·6	− 3·9	+ 0·3	+ 4·4	+12·2	+**14·9**	+11·1	+ 8·3	+ 6·0	+ 5·2	+ 3·5	− 0·1	− 2·9	− 4·4	− 4·8	− 5·7
Year ...	− 2·1	− 2·3	− 3·0	− 4·1	− 7·1	−10·0	−12·8	−16·1	−**16·9**	−11·7	− 1·5	+ 9·0	+17·1	+**19·1**	+15·3	+ 9·9	+ 6·7	+ 5·2	+ 3·7	+ 2·1	+ 1·1	+ 0·5	− 0·3	− 1·6
Winter ...	− 2·6	− 1·3	− 0·3	− 0·4	− 1·7	− 2·2	− 3·0	− 4·7	− **7·5**	− 6·0	− 0·5	+ 5·3	+11·1	+**12·7**	+ 8·9	+ 5·3	+ 3·2	+ 2·1	+ 0·2	− 2·0	− 3·3	− 4·1	− 4·9	− 4·4
Equinox ...	− 1·7	− 2·4	− 3·8	− 4·4	− 5·8	− 8·7	−12·5	−17·9	−**19·9**	−13·9	− 1·5	+11·2	+19·1	+**19·7**	+15·6	+ 9·0	+ 4·9	+ 3·5	+ 3·5	+ 2·9	+ 2·3	+ 1·1	+ 0·9	− 0·9
Summer ...	− 2·0	− 3·3	− 4·7	− 7·5	−13·9	−19·1	−22·9	−**25·9**	−23·2	−15·4	− 2·4	+10·4	+21·2	+**24·8**	+21·4	+15·5	+12·0	+ 9·9	+ 7·5	+ 5·5	+ 4·2	+ 4·5	+3·0	+ 0·5

VERTICAL COMPONENT (*Quiet Days*).

270. Eskdalemuir. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	− 0·4	− 0·4	− 0·3	− 0·9	− 0·9	− 1·3	− 1·3	− 1·3	− 1·7	− **1·9**	− 1·5	− 0·3	− 0·7	+ 0·9	+ **2·9**	+ 2·1	+ 1·4	+ 1·4	+ 1·2	+ 1·4	+ 0·8	+ 0·6	+ 0·2	0·0
Feb. ...	+ 0·8	0·0	− 0·8	− 0·9	− 1·1	− 1·2	− 1·6	− 1·1	− 0·1	− 0·7	− 2·6	− **4·2**	− 2·3	− 0·7	+ 2·1	+ **3·0**	+ 1·6	+ 1·3	+ 1·3	+ 1·3	+ 1·4	+ 1·8	+ 1·3	+ 1·3
Mar. ...	+ 0·4	+ 0·6	+ 1·1	+ 0·9	+ 0·5	+ 0·4	+ 0·4	+ 0·5	− 1·7	− 4·3	− 6·4	− **7·2**	− 5·7	− 2·9	+ 1·6	+ 3·6	+ **3·7**	+ 2·9	+ 2·7	+ 2·4	+ 1·8	+ 1·9	+ 1·7	+ 1·1
April ...	+ 3·7	+ 3·8	+ 4·0	+ 3·6	+ 3·5	+ 2·9	+ 2·3	+ 1·5	− 3·1	− 6·4	−10·0	−**12·6**	−10·2	− 5·8	− 2·7	+ 0·8	+ 1·9	+ 2·6	+ 3·0	+ 3·1	+ 2·5	+ **4·2**	+ 4·1	+ 3·3
May ...	+ 2·7	+ 3·3	+ 3·7	+ 4·6	+ 5·4	+ 5·3	+ 4·7	+ 0·7	− 4·4	−10·0	−14·9	−**17·5**	−12·5	− 6·0	− 2·8	+ 0·9	+ 4·3	+ 5·0	+ 5·6	+ **5·8**	+ 5·1	+ 3·9	+ 3·6	+ 3·4
June ...	− 0·9	− 1·5	+ 0·7	+ 2·8	+ 3·7	+ 3·9	+ 3·3	+ 3·9	+ 0·9	− 5·7	−11·3	−**12·9**	− 9·8	− 6·4	− 3·7	+ 1·0	+ 5·3	+ 5·3	+ **6·4**	+ 6·3	+ 4·0	+ 2·6	+ 1·8	+ 0·2
July ...	+ 0·4	+ 0·2	+ 0·5	+ 1·6	+ 3·7	+ 3·2	+ 2·1	+ 2·6	+ 0·7	− 4·5	− 8·9	−**13·3**	− 9·3	− 5·7	− 4·1	+ 1·7	+ 4·5	+ 4·1	+ **5·7**	+ 4·7	+ 4·3	+ 2·6	+ 2·5	+ 0·8
Aug. ...	− 0·4	+ 0·1	+ 1·1	+ 2·4	+ 3·4	+ 4·1	+ **4·3**	+ 4·0	+ 2·2	− 2·9	− 6·7	−**12·6**	−11·6	− 6·7	− 0·3	+ 1·2	+ 3·0	+ 2·5	+ 2·9	+ 3·0	+ 2·0	+ 1·9	+ 1·7	+ 1·2
Sept. ...	+ 1·5	+ 0·4	+ 0·9	+ 2·2	+ 3·1	+ 4·4	+ **5·9**	+ 5·8	+ 3·1	− 1·5	− 6·8	−**11·3**	−11·2	− 5·9	− 1·4	+ 1·7	+ 1·8	+ 0·7	+ 0·4	+ 0·7	+ 1·6	+ 1·3	+ 1·3	+ 1·2
Oct. ...	+ **2·1**	+ 2·1	+ 2·0	+ 1·7	+ 1·4	+ 0·3	+ 0·8	+ 1·7	+ 1·4	+ 0·3	− 3·8	− 5·9	− **6·4**	− 4·3	− 0·7	+ 1·4	+ 1·5	+ 0·6	− 0·5	− 0·2	+ 0·3	+ 0·6	+ 1·9	+ 1·8
Nov. ...	0·0	− 0·3	− 0·2	− 0·9	− 0·5	− 0·4	− 0·7	− 0·2	− 0·5	− 2·2	− 3·9	− **4·3**	− 3·0	− 1·7	+ 1·4	+ 1·9	+ 2·1	+ 2·2	+ 2·1	+ 1·8	+ **2·3**	+ 2·2	+ 1·5	+ 1·3
Dec. ...	− 0·1	− 0·1	− 0·2	− 1·2	− 1·5	− 2·5	− 2·9	− **3·5**	− 3·0	− 3·0	− 3·3	− 2·7	− 2·1	− 0·3	+ 3·2	+ **3·8**	+ 3·3	+ 2·5	+ 3·3	+ 2·7	+ 2·6	+ 2·6	+ 1·3	+ 1·1
Year ...	+ 0·8	+ 0·7	+ 1·0	+ 1·3	+ 1·7	+ 1·6	+ 1·4	+ 1·2	− 0·5	− 3·6	− 6·7	− **8·7**	− 7·1	− 3·8	− 0·4	+ 1·9	+ **2·9**	+ 2·6	+ 2·8	+ 2·8	+ 2·4	+ 2·2	+ 1·9	+ 1·4
Winter ...	+ 0·1	− 0·2	− 0·4	− 1·0	− 1·0	− 1·4	− 1·6	− 1·5	− 1·3	− 1·9	− 2·8	− 2·8	− 2·0	− 0·4	+ 2·4	+ **2·7**	+ 2·1	+ 1·8	+ 2·0	+ 1·8	+ 1·8	+ 1·8	+ 1·1	+ 0·9
Equinox ...	+ 1·9	+ 1·7	+ 2·0	+ 2·1	+ 2·1	+ 2·0	+ 2·4	+ **2·4**	− 0·1	− 3·0	− 6·8	− **9·3**	− 8·4	− 4·7	− 0·8	+ 1·9	+ 2·2	+ 1·7	+ 1·4	+ 1·5	+ 1·6	+ 2·0	+ 2·3	+ 1·9
Summer ...	+ 0·4	+ 0·5	+ 1·5	+ 2·9	+ 4·1	+ 4·1	+ 3·6	+ 2·8	− 0·2	− 5·8	−10·5	−**14·1**	−10·8	− 6·2	− 2·7	+ 1·2	+ 4·3	+ 4·2	+ **5·1**	+ 5·0	+ 3·9	+ 2·8	+ 2·4	+ 1·4

DIURNAL INEQUALITIES OF THE MAGNETIC COMPONENTS, DECLINATION, INCLINATION AND HORIZONTAL FORCE.—INTERNATIONAL QUIET DAYS.

Departures from mean of the day adjusted for non-cyclic change.

DECLINATION (measured positive towards the West) (*Quiet Days*).

271. Eskdalemuir. **1925.**

Month and Season.	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan. ...	+0·16	+0·45	+0·45	+0·31	−0·20	−0·32	−0·75	−1·33	**−1·76**	−0·94	+0·26	+0·98	**+2·07**	+2·05	+1·40	+0·84	+0·35	+0·05	−0·25	−0·69	−0·96	−0·86	−0·83	−0·47
Feb. ...	−0·30	+0·06	−0·18	−0·52	−0·66	−0·60	−0·94	−1·20	**−1·71**	−0·97	+0·37	+1·83	+2·87	**+3·01**	+2·17	+0·85	+0·21	−0·05	−0·30	−0·57	−0·63	−0·84	−1·15	−0·74
Mar. ...	−0·81	−0·99	−0·96	−0·95	−1·21	−1·38	−1·69	−2·61	**−2·85**	−1·50	+0·93	+3·36	+4·65	+4·45	+3·25	+1·37	+0·48	−0·15	−0·10	−0·28	−0·52	−0·73	−0·78	−0·97
April ...	−0·61	−0·80	−0·92	−1·14	−1·71	−2·72	−4·01	**−4·79**	−4·32	−2·17	+0·49	+2·93	+4·46	**+4·68**	+3·58	+2·36	+1·62	+0·77	+0·68	+0·40	+0·66	+0·36	+0·37	−0·19
May ...	−0·34	−0·77	−1·32	−1·61	−2·84	−3·33	−3·78	**−3·96**	−3·41	−1·85	+0·42	+2·73	+4·12	**+4·23**	+3·45	+2·57	+1·74	+1·12	+0·79	+0·56	+0·47	+0·65	+0·37	−0·01
June ...	−1·21	−1·15	−1·07	−2·20	−3·46	−4·75	−4·81	**−5·64**	−4·51	−1·93	+1·32	+4·87	+6·92	**+7·22**	+5·50	+3·51	+2·50	+1·22	−0·17	−0·70	−0·65	+0·02	−0·43	−0·40
July ...	−0·42	−0·90	−1·15	−2·08	−3·44	−4·61	**−4·92**	−4·56	−3·51	−1·65	+1·67	+3·73	+5·37	**+5·53**	+4·62	+2·74	+1·49	+1·05	+0·46	+0·31	0·00	+0·34	+0·29	−0·35
Aug. ...	−0·81	−0·72	−1·39	−1·56	−2·83	−3·42	−4·34	**−4·70**	−3·69	−1·53	+1·00	+3·10	+5·04	**+5·29**	+4·01	+2·32	+1·03	+0·78	+0·80	+0·64	+0·71	+0·31	+0·31	−0·36
Sept. ...	−0·63	−0·77	−1·35	−1·46	−1·93	−2·69	−3·53	**−4·14**	−3·34	−0·70	+2·45	+4·83	**+5·85**	+4·65	+2·91	+1·02	−0·20	−0·20	+0·01	+0·05	−0·09	−0·17	−0·15	−0·41
Oct. ...	−1·07	−1·03	−1·32	−1·49	−1·42	−1·89	−2·01	−2·91	**−3·44**	−2·13	+0·77	+3·78	**+4·83**	+4·65	+3·60	+2·08	+0·97	+0·63	+0·11	+0·02	−0·34	−0·56	−0·77	−1·08
Nov. ...	−0·82	−0·66	−0·19	−0·12	−0·21	−0·70	−0·81	−1·10	**−1·65**	−0·90	+0·92	+2·70	+3·14	**+3·16**	+1·99	+1·16	+0·65	+0·22	−0·54	−0·86	−1·04	−1·20	−1·62	−1·50
Dec. ...	**−1·43**	−1·23	−0·78	−0·83	−1·29	−1·38	−1·20	−0·91	−0·80	−0·52	+0·47	+1·51	+3·07	**+3·45**	+2·65	+1·85	+1·07	+0·79	+0·45	−0·27	−0·89	−1·15	−1·24	−1·38
Year ...	−0·77	−0·71	−0·85	−1·14	−1·77	−2·32	−2·73	**−3·15**	−2·92	−1·40	+0·92	+3·03	**+4·37**	+4·36	+3·26	+1·89	+0·99	+0·52	+0·16	−0·12	−0·27	−0·32	−0·47	−0·65
Winter ...	−0·60	−0·35	−0·17	−0·29	−0·59	−0·75	−0·93	−1·13	**−1·48**	−0·83	+0·51	+1·75	+2·79	**+2·92**	+2·05	+1·17	+0·57	+0·25	−0·16	−0·60	−0·88	−1·01	−1·21	−1·02
Equinox ...	−0·78	−0·90	−1·14	−1·26	−1·57	−2·17	−2·81	**−3·61**	−3·49	−1·63	+1·16	+3·73	**+4·95**	+4·61	+3·33	+1·71	+0·72	+0·26	+0·17	+0·05	−0·07	−0·27	−0·33	−0·66
Summer ...	−0·69	−0·89	−1·23	−1·86	−3·14	−4·03	−4·46	**−4·71**	−3·78	−1·74	+1·10	+3·61	+5·36	**+5·57**	+4·39	+2·79	+1·69	+1·04	+0·47	+0·20	+0·13	+0·33	+0·13	−0·28

INCLINATION (*Quiet Days*).

272. Eskdalemuir. **1925.**

Month and Season.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan. ...	−0·03	−0·07	−0·15	−0·38	−0·31	−0·44	**−0·48**	−0·24	+0·06	+0·46	+0·57	**+0·61**	+0·29	+0·17	+0·23	+0·11	−0·06	−0·14	−0·09	+0·02	0·00	−0·03	−0·04	−0·06
Feb. ...	−0·02	−0·13	−0·16	−0·23	−0·30	−0·32	**−0·46**	−0·34	0·00	+0·34	**+0·69**	+0·60	+0·38	+0·17	+0·10	+0·16	+0·06	0·00	−0·11	−0·10	−0·07	−0·05	−0·18	−0·03
Mar. ...	−0·38	−0·31	−0·28	−0·30	−0·33	**−0·41**	−0·35	−0·14	+0·40	+0·92	**+1·22**	+1·16	+0·88	+0·41	+0·15	−0·01	−0·17	−0·29	−0·36	−0·34	−0·37	−0·34	−0·37	−0·37
April ...	−0·43	−0·21	−0·16	−0·18	−0·26	−0·31	−0·19	+0·31	+0·01	**+1·57**	+1·57	+1·39	+0·88	+0·40	−0·11	−0·30	−0·39	−0·62	**−0·73**	−0·66	−0·68	−0·65	−0·65	−0·59
May ...	−0·28	−0·16	−0·12	−0·13	+0·01	+0·19	+0·50	+0·75	+0·92	**+1·19**	+1·18	+1·02	+0·69	+0·43	+0·08	−0·35	−0·77	**−1·06**	−1·03	−0·88	−0·75	−0·61	−0·49	−0·33
June ...	−0·23	−0·22	−0·31	−0·27	−0·20	+0·19	+0·75	+1·35	+1·85	**+2·03**	+1·95	+1·55	+0·85	−0·06	−0·43	−0·87	−1·28	**−1·51**	−1·45	−1·17	−0·77	−0·67	−0·56	−0·50
July ...	−0·35	−0·27	−0·24	−0·34	−0·13	+0·19	+0·50	+1·00	+1·31	**+1·6·**	+1·56	+1·00	+0·46	+0·07	−0·24	−0·53	−0·72	−0·92	**−0·92**	−0·81	−0·79	−0·62	−0·43	−0·39
Aug. ...	−0·33	−0·17	−0·17	−0·14	+0·01	+0·18	+0·61	+1·02	+1·45	**+1·79**	+1·75	+1·35	+0·75	+0·08	−0·50	−0·59	−0·84	−1·04	**−1·36**	−1·09	−0·89	−0·76	−0·66	−0·42
Sept. ...	−0·64	**−0·79**	−0·53	−0·45	−0·30	−0·07	+0·27	+0·88	+1·31	**+1·74**	+1·62	+1·26	+0·53	+0·30	−0·09	−0·37	−0·31	−0·56	−0·69	−0·75	−0·62	−0·59	−0·59	−0·56
Oct. ...	−0·22	−0·31	−0·33	−0·28	−0·34	−0·44	−0·12	+0·22	+0·91	+1·66	**+1·80**	+1·38	+0·80	+0·22	−0·05	−0·20	−0·42	−0·58	**−0·74**	−0·68	−0·73	−0·61	−0·55	−0·40
Nov. ...	−0·10	−0·14	−0·16	−0·31	−0·32	**−0·37**	−0·27	−0·11	+0·26	+0·78	**+0·88**	+0·79	+0·51	+0·20	+0·14	+0·03	−0·19	−0·30	−0·31	−0·31	−0·27	−0·23	−0·16	−0·04
Dec. ...	−0·04	+0·03	−0·02	−0·11	−0·26	−0·26	−0·25	−0·04	+0·13	+0·30	+0·38	**+0·59**	+0·47	+0·30	+0·39	+0·17	−0·16	**−0·32**	−0·26	−0·22	−0·26	−0·17	−0·22	−0·14
Year ...	−0·25	−0·23	−0·22	−0·26	−0·23	−0·16	+0·04	+0·39	+0·80	+1·20	**+1·26**	+1·06	+0·62	+0·22	−0·03	−0·23	−0·44	−0·61	**−0·67**	−0·58	−0·52	−0·44	−0·41	−0·32
Winter ...	−0·05	−0·08	−0·12	−0·26	−0·30	−0·35	**−0·37**	−0·18	+0·11	+0·47	+0·63	**+0·65**	+0·41	+0·21	+0·21	+0·12	−0·09	−0·19	−0·19	−0·15	−0·15	−0·12	−0·15	−0·07
Equinox ...	−0·42	−0·41	−0·33	−0·30	−0·31	−0·31	−0·10	+0·32	+0·91	+1·47	**+1·55**	+1·30	+0·77	+0·33	−0·03	−0·22	−0·32	−0·51	**−0·63**	−0·61	−0·60	−0·55	−0·54	−0·48
Summer ...	−0·30	−0·21	−0·21	−0·22	−0·08	+0·19	+0·59	+1·03	+1·38	**+1·65**	+1·61	+1·23	+0·69	+0·13	−0·27	−0·59	−0·90	−1·13	**−1·19**	−0·99	−0·80	−0·67	−0·53	−0·41

HORIZONTAL FORCE (*Quiet Days*).

273. Eskdalemuir. **1925.**

Month and Season.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	+0·2	+1·0	+2·2	+5·2	+4·2	+6·1	**+6·7**	+3·1	−1·5	−7·5	−9·1	**−9·2**	−4·6	−2·2	−2·3	−0·9	+1·5	+2·6	+1·8	+0·2	+0·2	+0·7	+0·7	+0·9
Feb. ...	+0·6	+1·9	+2·1	+3·1	+4·1	+4·3	**+6·3**	+4·6	−0·1	−5·4	**−11·3**	−10·5	−6·4	−2·8	−0·7	−1·3	−0·3	+0·5	+2·2	+2·0	+1·6	+1·5	+3·1	+0·9
Mar. ...	+5·8	+4·8	+4·6	+4·8	+5·2	+6·3	+5·3	+2·2	−6·5	−15·2	**−20·5**	−20·0	−15·2	−7·1	−1·6	+1·5	+3·9	+5·4	**+6·4**	+6·0	+6·1	+5·7	+6·1	+6·0
April ...	+7·8	+4·5	+3·9	+4·1	+5·2	+5·7	+3·7	−4·0	−16·2	−25·7	**−27·0**	−25·3	−16·9	−8·1	+0·6	+4·8	+6·5	+10·2	**+11·9**	+10·9	+11·1	+11·2	+11·2	+10·0
May ...	+5·1	+3·5	+3·2	+3·7	+1·8	−0·9	−5·7	−10·9	−15·3	−21·4	**−23·1**	−21·7	−14·8	−8·6	−2·1	+5·6	+13·0	**+17·6**	+17·4	+15·2	+13·0	+10·6	+8·6	+6·2
June ...	+3·1	+2·7	+4·9	+5·1	+4·4	−1·3	−10·0	−18·7	−27·1	−32·4	**−33·1**	−27·9	−16·2	−1·5	+5·0	+13·3	+21·0	**+24·4**	+23·9	+19·8	+13·0	+10·9	+9·0	+7·6
July ...	+5·3	+4·1	+3·8	+5·7	+3·2	−1·7	−6·6	−14·0	−19·1	−25·5	**−26·5**	−19·9	−10·3	−3·2	+2·1	+8·5	+12·4	+15·1	**+15·9**	+13·8	+13·4	+10·2	+7·3	+6·0
Aug. ...	+4·7	+2·6	+3·0	+3·0	+1·1	−1·1	−7·5	−13·7	−20·8	−27·7	**−28·6**	−24·8	−15·4	−3·6	+7·4	+9·3	+13·6	+16·4	**+21·8**	+17·4	+14·0	+12·1	+10·5	+6·7
Sept. ...	+10·0	**+11·9**	+8·2	+7·5	+5·6	+2·7	−1·7	−10·9	−18·3	−26·5	**−26·6**	−22·9	−12·1	−6·7	+0·8	+6·1	+5·3	+8·6	+10·4	+11·5	+9·9	+9·3	+9·2	+8·8
Oct. ...	+4·1	+5·3	+5·7	+4·7	+5·5	+6·7	+2·1	−2·6	−13·0	−24·6	**−28·2**	−22·7	−14·3	−4·9	+0·4	+3·5	+6·8	+8·8	+10·9	+10·0	**+10·9**	+9·3	+8·9	+6·7
Nov. ...	+1·5	+2·0	+2·3	+4·3	+4·6	+5·3	+3·8	+1·6	−4·1	−12·3	**−14·6**	−13·3	−8·7	−3·6	−1·6	+0·2	+3·5	+5·3	**+5·4**	+5·2	+4·9	+4·3	+3·0	+1·1
Dec. ...	+0·6	−0·4	+0·2	+1·2	+3·2	+2·9	+2·7	−0·6	−3·0	−5·5	−6·9	**−9·2**	−7·7	−4·5	−4·6	−1·1	+3·7	**+5·7**	+5·1	+4·3	+4·9	+3·5	+3·8	+2·5
Year ...	+4·1	+3·7	+3·7	+4·4	+4·0	+2·9	−0·1	−5·3	−12·1	−19·1	**−21·3**	−19·0	−11·9	−4·7	+0·3	+4·1	+7·6	+10·1	**+11·1**	+9·7	+8·6	+7·4	+6·8	+5·3
Winter ...	+0·7	+1·1	+1·7	+3·5	+4·0	+4·7	**+4·9**	+2·2	−2·2	−7·7	−10·5	**−10·7**	−6·9	−3·3	−2·3	−0·8	+2·1	+3·5	+3·6	+2·9	+2·9	+2·5	+2·7	+1·3
Equinox ...	+6·9	+6·6	+5·6	+5·3	+5·4	+5·3	+2·3	−3·8	−13·5	−23·0	**−25·6**	−22·7	−14·6	−6·7	+0·1	+4·0	+5·6	+8·3	**+9·9**	+9·6	+9·5	+8·9	+8·9	+7·9
Summer ...	+4·5	+3·2	+3·7	+4·4	+2·6	−1·3	−7·5	−14·3	−20·6	−26·7	**−27·8**	−23·6	−14·2	−4·2	+3·1	+9·2	+15·0	+18·4	**+19·6**	+16·5	+13·3	+10·9	+8·9	+6·6

DIURNAL INEQUALITIES OF THE GEOGRAPHICAL COMPONENTS OF MAGNETIC FORCE.—SELECTED DISTURBED DAYS.

Departures from mean of the day adjusted for non-cyclic change.

NORTH COMPONENT (*Disturbed Days*).

274. Eskdalemuir. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	+6·7	+8·1	+5·9	+6·9	**+10·9**	+10·6	+2·6	+2·4	+2·1	−3·7	−4·5	−6·1	−5·1	+1·0	−4·0	−4·4	−4·7	−0·7	+2·1	−1·9	−6·5	**−9·2**	−5·0	−3·4
Feb. ...	−1·8	0·0	+7·6	**+10·8**	+10·1	+6·5	+5·3	+5·9	+3·4	−3·2	−9·0	**−19·0**	−14·9	−11·3	−2·9	+1·5	+1·2	+1·6	−0·6	−1·8	+0·5	+2·3	+0·9	+6·9
Mar. ...	+3·5	+10·1	+10·8	+8·5	+13·3	+14·5	+9·8	+5·3	+0·3	−12·9	−21·7	**−30·4**	−22·7	−16·7	−13·2	−8·5	+0·3	−2·5	+2·8	+2·1	+10·1	**+17·8**	+12·5	+6·8
April ...	+6·4	+5·8	−1·8	+9·6	+8·3	+12·5	+12·1	+0·7	−14·8	−25·4	−35·0	**−41·4**	−31·7	−12·9	−6·3	+2·5	+6·2	+12·6	+16·2	+16·8	**+21·9**	+12·5	+13·5	+11·7
May ...	+11·8	−3·7	+8·7	+7·9	−4·0	−6·0	−17·9	−6·9	−19·7	−35·4	**−36·4**	−29·3	−23·9	−11·1	+0·6	+2·6	+30·1	**+32·3**	+31·4	+21·8	+16·7	+13·9	+9·3	+7·2
June ...	+2·3	−0·5	+11·0	+9·3	+8·0	−0·9	−8·8	−24·5	−31·8	−37·7	**−39·8**	−37·3	−36·8	−14·1	+0·1	+22·4	+37·3	**+41·8**	+41·5	+24·6	+17·7	+23·6	+9·3	−16·6
July ...	+7·6	+9·8	−6·5	+2·3	+11·7	+4·0	−10·8	−20·9	−22·3	−36·5	**−42·0**	−40·0	−24·5	−19·3	−4·2	+6·8	+28·5	+33·9	**+37·7**	+26·0	+17·8	+14·3	+13·9	+12·7
Aug. ...	+1·9	+12·5	+8·0	−0·1	−7·6	−10·5	−8·9	−25·0	−42·1	**−49·5**	−42·2	−25·9	−20·8	+4·7	+13·7	+22·2	+22·1	+27·4	+23·2	+20·5	+23·2	+16·3	**+28·5**	+8·4
Sept. ...	+12·9	+7·8	+6·8	+11·4	+15·6	−6·5	−31·5	**−33·9**	−30·3	−33·8	−29·4	−27·8	−22·0	−11·3	+2·5	+18·5	+24·9	**+29·6**	+26·0	+21·0	+21·8	+3·9	+11·1	+12·7
Oct. ...	−6·8	−3·8	+3·0	**+21·7**	−0·1	+13·9	+3·4	−7·4	+6·0	−9·9	−17·7	**−34·9**	−16·8	−1·6	+11·2	+15·7	+14·1	+19·3	+8·2	−9·2	−7·0	−1·1	+4·7	−4·9
Nov. ...	+1·4	+4·7	+4·9	+8·5	+2·2	+8·0	**+15·7**	+12·7	+0·5	−7·8	**−15·0**	−12·9	−12·3	−6·2	−3·0	+6·3	−0·1	+0·5	−2·4	−6·0	+2·3	−0·7	+4·1	−5·4
Dec. ...	+8·7	+8·7	+7·7	+12·1	**+16·7**	+15·0	+7·4	−6·8	−14·0	**−18·4**	−12·0	−11·1	−11·5	−10·7	−4·5	−3·1	−3·5	−3·2	0·0	+2·8	+5·0	+5·0	+4·4	+5·3
Year ...	+4·6	+4·9	+5·5	+9·1	+7·1	+5·1	−1·8	−8·2	−13·5	−22·9	−25·4	**−26·3**	−20·2	−9·1	−0·9	+6·9	+13·0	+16·1	+15·5	+9·7	**+10·3**	+8·2	+8·9	+3·5
Winter ...	+3·8	+5·4	+6·5	+9·5	+10·0	**+10·0**	+7·7	+3·5	−2·0	−8·3	−10·1	**−12·3**	−10·9	−6·8	−3·6	+0·1	−1·8	−0·4	−0·2	−1·7	+0·3	−0·7	+1·1	+0·9
Equinox ...	+4·0	+4·9	+4·7	+12·8	+9·3	+8·6	−1·5	−8·8	−9·7	−20·5	−25·9	**−33·6**	−23·3	−10·6	−1·5	+7·1	+11·4	**+14·7**	+13·3	+7·7	+11·7	+8·3	+10·5	+6·6
Summer ...	+5·9	+4·5	+5·3	+4·9	+2·0	−3·3	−11·6	−19·3	−29·0	−39·8	**−40·1**	−33·1	−26·5	−9·9	+2·5	+13·5	+29·5	**+33·9**	+33·4	+23·2	+18·8	+17·1	+15·3	+2·9

WEST COMPONENT (*Disturbed Days*).

275. Eskdalemuir. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	−7·0	−2·8	−3·5	+1·3	+5·5	−4·5	−0·4	+1·0	−2·7	−1·7	+4·1	+9·7	+19·4	**+20·0**	+14·7	+14·7	+13·5	+14·1	+7·8	−8·0	−20·3	**−36·1**	−23·5	−15·1
Feb. ...	−20·4	−12·4	−8·9	−9·9	−8·4	+4·2	+5·7	+5·1	−3·1	−2·0	+3·7	+12·7	+17·2	**+20·0**	+18·9	+13·9	+10·2	+9·2	+6·5	−2·5	−8·1	−9·6	−16·1	**−25·7**
Mar. ...	−8·1	−8·1	−7·6	−12·6	−7·9	−11·9	−11·3	−9·2	−10·2	−0·3	+10·1	+19·1	+29·6	**+31·4**	+22·9	+14·1	+4·4	+4·6	+0·8	−3·5	−11·9	**−14·8**	−10·8	−8·7
April ...	−0·2	−5·4	−9·4	−10·9	−10·1	−12·7	−17·7	−22·7	**−24·5**	−13·4	+1·2	+19·2	+30·2	**+33·4**	+30·2	+26·3	+17·9	+9·7	+0·9	−5·3	−14·5	−13·2	0·0	−9·2
May ...	**−26·8**	−16·0	−4·9	−19·3	−12·0	−14·0	−8·1	−10·7	−14·8	−9·4	+5·5	+19·5	+26·2	**+30·6**	+26·9	+16·5	+19·0	+1·0	−6·1	−3·7	−1·0	+2·6	−0·5	−0·5
June ...	−21·0	−10·4	−18·2	−16·0	−15·1	−14·1	−13·9	−26·5	**−26·5**	−16·3	−4·8	+13·4	+22·0	+32·2	+34·4	**+34·6**	+25·1	+22·5	+22·7	+12·3	+6·3	−8·5	−25·8	−8·4
July ...	−23·5	−12·9	+10·5	+3·9	**−24·1**	−22·3	−19·5	−15·9	−16·7	−9·5	−1·1	+11·5	**+24·1**	+22·5	+22·1	+21·9	+14·9	+16·3	+8·9	+8·3	+0·5	−6·1	−4·9	−8·1
Aug. ...	−25·6	−21·0	−8·2	−7·0	−3·6	−8·8	−22·0	−20·4	−18·6	−6·5	+6·1	+20·5	+39·9	**+45·7**	+32·7	+24·5	+16·7	+15·3	+2·7	−3·7	−9·1	−13·3	−6·3	**−30·0**
Sept. ...	−25·9	−3·5	−1·8	−3·3	−5·2	−6·1	−13·0	−5·9	+0·9	+6·6	+15·3	+25·4	**+30·5**	+27·1	+25·0	+17·0	+1·0	+5·9	+0·4	−14·3	−21·2	−22·8	−10·1	−22·1
Oct. ...	−27·2	−23·7	−7·1	−10·9	+2·7	+11·6	+7·4	−0·3	+1·1	+5·9	+15·9	+25·4	+35·4	**+39·7**	+39·5	+32·5	+25·9	+6·2	−8·8	−33·7	−29·3	−34·3	**−37·1**	−36·8
Nov. ...	−5·1	−0·7	−1·6	−5·6	+13·5	+19·1	+18·7	+9·9	+1·6	+1·2	+8·7	+18·1	+20·5	+22·9	+23·6	**+24·2**	+11·9	+2·9	−23·1	−33·3	−26·6	**−37·8**	−36·3	−26·7
Dec. ...	−8·4	−5·4	−3·9	−5·7	−3·5	−5·9	−4·0	+14·8	−3·1	−14·1	−1·1	+5·3	+13·2	+15·2	+16·9	+18·3	+11·9	**+20·9**	+11·4	−8·6	−13·2	**−21·1**	−18·1	−11·7
Year ...	−16·6	−10·2	−5·4	−8·0	−5·7	−5·5	−6·5	−6·7	−9·7	−5·0	+5·3	+16·7	+25·7	**+28·4**	+25·6	+21·5	+14·4	+10·7	+2·0	−8·0	−12·4	**−17·9**	−15·8	−16·9
Winter ...	−10·2	−5·3	−4·5	−5·0	+1·7	+3·2	+5·0	+7·7	−1·8	−4·1	+3·8	+11·5	+17·6	**+19·5**	+18·5	+17·8	+11·9	+11·8	+0·6	−13·1	−17·1	**−26·1**	−23·5	−19·8
Equinox ...	−15·4	−10·2	−6·5	−9·4	−5·1	−4·8	−8·7	−9·5	−8·2	−0·3	+10·7	+22·3	+31·4	**+32·9**	+29·4	+22·5	+12·3	+6·6	−1·7	−14·2	−19·2	**−21·3**	−14·5	−19·2
Summer ...	**−24·3**	−15·1	−5·2	−9·6	−13·7	−14·8	−15·9	−18·4	−19·2	−10·5	+1·4	+16·2	+28·0	**+32·7**	+29·0	+24·4	+18·9	+13·8	+7·0	+3·3	−0·8	−6·3	−9·4	−11·7

VERTICAL COMPONENTS (*Disturbed Days*).

276. Eskdalemuir. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	−15·2	**−19·8**	−17·4	−15·1	−16·1	−12·5	−10·9	−6·5	−4·2	+1·6	+2·0	+1·5	+0·7	+2·9	+8·5	+12·3	+13·0	+15·2	+17·0	**+17·3**	+17·1	+13·3	+2·7	−7·5
Feb. ...	0·0	−3·3	−8·6	**−9·1**	−5·6	−6·5	−8·6	−8·3	−6·0	−6·7	−7·0	−5·3	−2·6	−0·3	+3·8	+6·1	+6·6	+7·1	+9·4	**+12·3**	+12·2	+10·1	+7·6	+2·9
Mar. ...	+0·4	−1·5	−3·9	−3·2	−4·2	−5·1	−5·2	−6·2	−6·7	−9·1	**−11·2**	−8·5	−6·3	−2·2	+5·6	+9·5	**+13·1**	+11·8	+11·3	+9·9	+8·6	+4·6	−0·5	−0·9
Apr. ...	−9·3	−15·5	**−19·2**	−16·0	−10·9	−6·5	−2·9	−1·0	−1·0	−3·9	−7·1	−9·7	−10·4	−4·0	+3·3	+11·3	+19·4	+23·4	**+25·4**	+19·9	+12·5	+6·0	−1·4	−2·5
May ...	**−26·5**	−26·1	−23·3	−23·1	−16·5	−10·3	−5·0	−7·4	−5·8	−7·0	−9·6	−9·1	−2·3	+6·7	+16·9	+27·9	+26·5	**+33·7**	+31·4	+26·0	+16·2	+4·4	−3·2	−14·5
June ...	−22·0	−28·8	−18·7	−14·3	−10·9	−15·1	−13·2	−8·2	−8·3	−6·5	−2·9	−3·9	+0·8	+6·6	+16·9	+26·1	+34·1	**+35·1**	+32·0	+24·4	+12·7	+9·7	−8·7	**−36·9**
July ...	−11·6	−6·4	−10·9	**−27·3**	−16·7	−6·2	−3·8	−4·7	−5·1	−4·3	−5·4	−4·8	−1·3	+6·1	+9·2	+13·2	+15·8	**+18·9**	+18·9	+14·6	+10·8	+7·1	−0·1	−6·1
Aug. ...	−18·0	−24·3	**−36·5**	−36·2	−26·5	−17·6	−11·4	−4·1	−2·2	−2·3	−0·9	−1·0	+2·3	+12·0	+25·6	+31·1	**+31·4**	+27·3	+29·3	+24·0	+15·7	+10·4	−9·4	−18·7
Sept. ...	**−29·6**	−27·2	−25·8	−28·2	−25·6	−25·1	−21·5	−18·5	−12·5	−6·1	−4·1	−1·3	+5·1	+15·7	+20·7	+36·3	**+43·7**	+40·6	+39·8	+41·0	+18·0	−4·8	−13·8	−16·8
Oct. ...	−13·3	−21·7	−33·5	−44·0	**−44·4**	−36·5	−28·7	−16·5	−6·9	−3·8	−1·8	+2·5	+8·1	+14·5	+27·9	+39·2	+40·0	+49·3	**+51·1**	+34·7	+12·5	−4·2	−6·4	−17·9
Nov. ...	−20·9	−27·1	**−47·2**	−43·1	−33·5	−26·0	−16·1	−7·1	−3·6	+0·3	+1·1	+3·4	+6·3	+9·5	+14·2	+22·5	**+36·7**	+35·4	+36·3	+33·7	+23·0	+10·5	+1·9	−10·4
Dec. ...	−2·8	−5·8	−9·5	−11·9	−12·2	−12·2	−10·7	−13·9	**−15·4**	−9·0	−7·7	−5·5	−3·2	+0·8	+6·3	+11·5	+12·0	+16·4	+21·7	**+33·7**	+14·4	+1·6	+1·3	−0·3
Year ...	−14·1	−17·3	−21·2	**−22·6**	−18·6	−14·9	−11·5	−8·5	−6·5	−4·7	−4·6	−3·5	−0·2	+5·7	+13·2	+20·6	+24·4	+26·2	**+26·9**	+24·3	+14·5	+5·7	−2·5	−10·8
Winter ...	−9·7	−14·0	**−20·7**	−19·8	−16·8	−14·3	−11·6	−8·9	−7·3	−3·5	−2·9	−1·5	+0·3	+3·2	+8·2	+13·1	+17·1	+18·5	+21·1	**+24·3**	+16·7	+8·9	+3·4	−3·8
Equinox ...	−12·9	−16·5	−20·6	**−22·9**	−21·3	−18·3	−14·6	−10·5	−6·8	−5·7	−6·1	−4·3	−0·9	+6·0	+14·4	+24·1	+29·1	+31·3	**+31·9**	+26·4	+12·9	+0·4	−5·5	−9·5
Summer ...	−19·5	−21·4	−22·4	**−25·2**	−17·7	−12·3	−8·4	−6·1	−5·4	−5·0	−4·7	−4·7	−0·1	+7·9	+17·1	+24·6	+26·9	**+28·8**	+27·9	+22·3	+13·8	+7·9	−5·4	−19·0

DIURNAL INEQUALITIES OF THE MAGNETIC COMPONENTS, DECLINATION, INCLINATION AND HORIZONTAL FORCE.—SELECTED DISTURBED DAYS.

Departures from mean of the day adjusted for non-cyclic change.

DECLINATION (measured positive towards the West) (*Disturbed Days*).

277. Eskdalemuir. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan. ...	−1·78	−1·01	−1·04	−0·14	+0·48	−1·49	−0·23	+0·07	−0·67	−0·14	+1·07	+2·28	**+4·13**	+3·91	+3·13	+3·16	+2·94	+2·84	+1·42	−1·48	−3·67	**−6·65**	−4·38	−2·79
Feb. ...	−3·96	−2·46	−2·20	−2·57	−2·25	+0·47	+0·82	+0·68	−0·80	−0·22	+1·24	+3·60	+4·24	**+4·61**	+3·91	+2·68	+1·95	+1·74	+1·32	−0·39	−1·63	−2·03	−3·25	**−5·48**
Mar. ...	−1·81	−2·17	−2·13	−2·98	−2·33	−3·18	−2·79	−2·13	−2·04	+0·67	+3·23	+5·52	+7·15	**+7·18**	+5·28	+3·28	+0·85	+1·05	+0·01	−0·81	−2·92	**−3·95**	−2·85	−2·12
April ...	−0·40	−1·40	−1·77	−2·70	−2·46	−3·22	−4·20	**−4·55**	−4·03	−1·22	+2·22	+6·14	**+7·78**	+7·35	+6·34	+5·08	+3·21	+1·22	−0·74	−2·00	−4·11	−3·31	−0·75	−2·48
May ...	**−5·99**	−2·96	−1·47	−4·27	−2·16	−2·44	−0·60	−1·73	−1·84	+0·13	+3·13	+5·52	+6·54	**+6·70**	+5·30	+3·13	+2·07	−1·61	−2·98	−1·95	−1·14	−0·26	−0·63	−0·50
June ...	−4·30	−2·03	−4·23	−3·70	−3·44	−2·74	−2·26	−3·88	−3·48	−1·12	+1·29	+4·76	+6·43	**+7·18**	+6·82	+5·60	+2·89	+2·12	+2·17	+1·06	+0·25	−3·02	**−5·63**	−0·73
July ...	−5·10	−3·12	+2·44	+0·64	**−5·44**	−4·66	−3·27	−1·99	−2·07	+0·16	+2·13	+4·52	**+6·15**	+5·54	+4·61	+3·96	+1·35	+1·33	−0·36	+0·18	−0·90	−2·02	−1·76	−2·32
Aug. ...	−5·19	−4·87	−2·08	−1·39	−0·29	−1·16	−3·86	−2·64	−1·32	+1·48	+3·57	+5·51	**+9·08**	+8·80	+5·72	+3·61	+2·07	+1·50	−0·76	−1·88	−3·10	−3·55	−2·84	**−6·43**
Sept. ...	**−5·88**	−1·12	−0·73	−1·29	−1·91	−0·85	−0·82	+0·74	+1·88	+3·21	+4·69	+6·60	**+7·28**	+6·03	+4·83	+2·35	−1·20	−0·49	−1·38	−4·02	−5·44	−4·74	−2·62	−5·10
Oct. ...	−5·02	−4·51	−1·58	−3·38	+0·55	+1·52	+1·28	+0·34	−0·12	+1·73	+4·16	+7·00	**+7·98**	+7·97	+7·22	+5·58	+4·37	+0·15	−2·21	−6·19	−5·43	−6·75	**−7·62**	−7·04
Nov. ...	−1·09	−0·39	−0·60	−1·58	+2·55	+3·34	+2·84	+1·27	+0·29	+0·68	+2·56	+4·31	+4·77	**+4·90**	+4·85	+4·46	+2·36	+0·55	−4·45	−6·27	−5·42	**−7·47**	−7·45	−5·01
Dec. ...	−2·15	−1·56	−1·21	−1·80	−1·63	−2·02	−1·21	+3·32	+0·18	−1·77	+0·45	+1·66	+3·27	+3·61	+3·62	+3·82	+2·56	**+4·32**	+2·27	−1·87	−2·90	**−4·47**	−3·84	−2·63
Year ...	−3·56	−2·30	−1·38	−2·10	−1·53	−1·37	−1·19	−0·87	−1·17	+0·30	+2·48	+4·79	**+6·23**	+6·15	+5·14	+3·89	+2·12	+1·23	−0·47	−2·13	−3·03	**−4·02**	−3·63	−3·55
Winter ...	−2·25	−1·35	−1·26	−1·52	−0·21	+0·07	+0·55	+1·33	−0·25	−0·36	+1·33	+2·96	+4·10	**+4·26**	+3·88	+3·53	+2·45	+2·36	+0·14	−2·50	−3·41	**−5·15**	−4·73	−3·98
Equinox ...	−3·28	−2·30	−1·55	−2·59	−1·54	−1·43	−1·63	−1·40	−1·08	+1·10	+3·57	+6·31	**+7·55**	+7·13	+5·92	+4·07	+1·81	+0·48	−1·08	−3·25	−4·47	**−4·69**	−3·46	−4·19
Summer ...	**−5·15**	−3·25	−1·33	−2·18	−2·83	−2·75	−2·50	−2·56	−2·18	+0·16	+2·53	+5·08	+7·05	**+7·05**	+5·61	+4·07	+2·09	+0·83	−0·48	−0·65	−1·22	−2·21	−2·71	−2·49

INCLINATION (*Disturbed Days*).

278. Eskdalemuir. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan. ...	−0·69	−0·97	−0·75	−0·84	**−1·20**	−0·92	−0·43	−0·34	−0·19	+0·31	+0·27	+0·26	−0·01	−0·36	+0·20	+0·32	+0·38	+0·16	+0·15	+0·70	+1·23	**+1·59**	+0·82	+0·31
Feb. ...	+0·49	+0·14	−0·54	**−0·74**	−0·64	−0·66	−0·66	−0·68	−0·32	+0·07	+0·34	**+0·87**	+0·58	+0·35	−0·06	−0·20	−0·10	−0·10	+0·12	+0·47	+0·42	+0·28	+0·43	+0·10
Mar. ...	−0·07	−0·54	−0·66	−0·40	−0·82	**−0·85**	−0·56	−0·33	0·00	+0·62	+0·94	**+1·40**	+0·77	+0·45	+0·57	+0·52	+0·23	+0·37	+0·08	+0·18	−0·22	−0·76	−0·63	−0·30
April ...	−0·64	−0·66	−0·19	−0·82	−0·62	−0·74	−0·53	+0·34	+1·38	+1·79	+2·06	**+2·08**	+1·24	+0·12	−0·06	−0·37	−0·24	−0·41	−0·43	−0·49	−0·84	−0·42	**−0·91**	−0·65
May ...	−0·93	−0·11	−1·05	−0·74	+0·07	+0·38	+1·19	+0·46	+1·40	**+2·29**	+2·01	+1·31	+1·01	+0·32	−0·11	+0·22	**−1·63**	−1·27	−1·13	−0·69	−0·65	−0·84	−0·67	−0·82
June ...	−0·32	−0·49	−0·84	−0·66	−0·51	−0·06	+0·50	+1·87	+2·33	+2·58	**+2·59**	+2·07	+1·99	+0·48	−0·21	−1·43	−2·02	−2·24	**−2·30**	−1·21	−0·94	−1·13	−0·35	+0·31
July ...	−0·35	−0·56	−0·04	−0·90	−0·73	−0·01	+0·96	+1·53	+1·62	+2·43	**+2·59**	+2·26	+1·11	+0·99	+0·10	−0·51	−1·73	−2·02	**−2·13**	−1·47	−0·89	−0·64	−0·81	−0·82
Aug. ...	−0·10	−1·03	−1·28	−0·77	−0·11	+0·40	+0·69	+1·89	+3·01	**+3·27**	+2·60	+1·28	+0·67	−0·84	−0·84	−1·11	−0·95	−1·37	−0·82	−0·66	−0·94	−0·56	**−1·96**	−0·46
Sept. ...	−1·10	−1·12	−1·05	−1·38	**−1·56**	−0·09	+1·74	+1·84	+1·63	**+1·92**	+1·52	+1·30	+0·99	+0·63	−0·10	−0·61	−0·54	−1·01	−0·70	−0·08	−0·58	+0·05	−0·88	−0·84
Oct. ...	+0·60	+0·14	−0·90	**−2·30**	−1·15	−2·02	−1·07	+0·07	−0·58	+0·44	+0·81	+1·86	+0·64	−0·26	−0·75	−0·63	−0·39	−0·13	+0·90	**+2·08**	+1·30	+0·59	+0·21	+0·55
Nov. ...	−0·52	−0·97	−1·46	−1·52	−1·22	−1·51	**−1·76**	−1·18	−0·15	+0·49	+0·84	+0·59	+0·58	+0·22	+0·12	−0·29	+0·70	+0·80	+1·48	**+1·84**	+0·91	+1·00	+0·45	+0·58
Dec. ...	−0·48	−0·61	−0·66	−0·97	**−1·32**	−1·17	−0·68	−0·17	+0·58	**+1·23**	+0·61	+0·48	+0·42	+0·44	+0·14	+0·16	+0·31	+0·24	+0·33	+0·82	+0·28	+0·10	+0·08	−0·14
Year ...	−0·34	−0·57	−0·79	**−1·00**	−0·82	−0·60	−0·05	+0·44	+0·89	**+1·45**	+1·43	+1·31	+0·83	+0·21	−0·08	−0·33	−0·50	−0·58	−0·37	+0·12	−0·08	−0·06	−0·35	−0·18
Winter ...	−0·30	−0·60	−0·85	−1·02	**−1·09**	−1·07	−0·88	−0·59	−0·02	+0·53	+0·51	+0·55	+0·39	+0·16	+0·10	0·00	+0·32	+0·27	+0·52	**+0·96**	+0·71	+0·74	+0·45	+0·21
Equinox ...	−0·30	−0·55	−0·70	**−1·23**	−1·04	−0·93	−0·11	+0·48	+0·61	+1·19	+1·33	**+1·66**	+0·91	+0·23	−0·09	−0·27	−0·23	−0·29	−0·04	+0·42	−0·09	−0·13	−0·55	−0·31
Summer ...	−0·43	−0·55	−0·80	−0·77	−0·32	+0·18	+0·83	+1·44	+2·09	**+2·64**	+2·45	+1·73	+1·19	+0·24	−0·27	−0·71	−1·58	**−1·73**	−1·59	−1·01	−0·85	−0·79	−0·95	−0·45

HORIZONTAL FORCE (*Disturbed Days*).

279. Eskdalemuir. **1925.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	+ 4·6	+ 7·0	+ 4·7	+ 7·0	**+11·9**	+ 9·0	+ 2·4	+ 2·6	+ 1·3	− 4·0	− 3·2	− 3·2	+ 0·4	+ 6·5	+ 0·2	− 0·2	− 0·8	+ 3·2	+ 4·1	− 4·0	−11·9	**−18·7**	−11·3	− 7·4
Feb. ...	− 7·3	− 3·4	+ 4·8	**+ 7·6**	+ 7·4	+ 7·4	+ 6·6	+ 7·0	+ 2·5	− 3·6	− 7·7	**−14·8**	− 9·6	− 5·4	+ 2·4	+ 5·2	+ 4·0	+ 4·1	+ 1·7	− 2·5	− 1·7	− 0·4	− 3·6	− 0·4
Mar. ...	+ 1·2	+ 7·5	+ 8·3	+ 4·8	+10·6	+10·7	+ 6·4	+ 2·6	− 2·5	−12·5	−18·1	**−24·0**	−13·7	− 7·5	− 6·4	− 4·3	+ 1·5	− 1·1	+ 2·9	+ 1·0	+ 6·4	**+13·1**	+ 9·1	+ 4·1
April ...	+ 6·1	+ 4·1	− 4·3	+ 6·3	+ 5·2	+ 8·5	+ 6·8	− 5·5	−21·0	−28·1	−33·3	**−34·5**	−22·3	− 3·3	+ 2·2	+ 9·6	+10·8	+14·8	+15·8	+14·7	**+17·1**	+ 8·4	+13·0	+ 8·8
May ...	+ 4·0	− 8·0	+ 7·0	+ 2·4	− 7·2	− 9·6	−19·5	− 9·5	−23·0	**−36·6**	−33·5	−22·9	−15·8	− 2·3	+ 7·9	+ 7·1	**+34·1**	+31·4	+28·5	+20·0	+15·7	+14·1	+ 8·8	+ 6·8
June ...	− 3·5	− 3·4	+ 5·6	+ 4·5	+ 3·6	− 4·7	−12·3	−30·8	−27·8	**−40·7**	−39·6	−32·2	−29·4	− 4·7	+ 9·4	+30·9	+42·7	**+46·3**	+46·1	+27·0	+18·7	+20·4	+ 1·9	−18·2
July ...	+ 0·9	+ 5·9	− 3·4	+ 3·3	+ 4·6	− 2·2	−15·7	−24·4	−26·0	−37·8	**−40·4**	−35·4	−17·0	−12·5	+ 2·0	+12·5	+31·5	+37·1	**+38·7**	+27·3	+17·2	+12·1	+12·0	+10·0
Aug. ...	− 5·1	+ 6·3	+ 5·4	− 2·0	− 8·3	−12·5	−14·6	−29·6	−45·5	**−49·5**	−39·0	−19·4	− 9·2	+17·0	+22·0	+28·0	+25·8	**+30·6**	+23·0	+18·7	+19·9	+12·1	+25·7	− 0·1
Sept. ...	+ 5·4	+ 6·5	+ 6·0	+10·1	+13·6	− 7·9	−33·9	**−34·2**	−28·9	−30·8	−24·2	−19·8	−12·9	− 3·5	+ 9·2	+22·4	+24·3	**+30·1**	+25·1	+16·3	+15·3	− 2·5	+ 7·9	+ 6·2
Oct. ...	−13·9	−10·1	+ 0·9	+18·0	+ 0·7	+16·5	+ 5·3	− 7·2	+ 6·0	− 7·9	−12·7	**−26·7**	− 6·5	+ 9·2	+21·5	**+24·0**	+20·6	+20·2	+ 5·5	−18·0	−14·7	−10·3	− 5·5	−14·7
Nov. ...	0·0	+ 4·4	+ 4·3	+ 6·6	+ 5·8	+12·9	**+20·2**	+14·9	+ 0·9	− 7·2	−12·1	− 7·5	− 6·3	+ 0·3	+ 3·5	+12·7	+ 3·1	+ 1·2	− 8·5	**−14·8**	− 5·0	−10·9	− 5·9	−12·4
Dec. ...	+ 6·1	+ 6·9	+ 6·4	+10·1	**+15·1**	+12·9	+ 6·1	− 2·5	−14·3	**−21·6**	−11·9	− 9·2	− 7·5	− 6·2	+ 0·3	+ 1·9	− 0·2	+ 2·6	+ 3·1	+ 0·4	+ 1·2	− 0·9	− 0·7	+ 2·0
Year ...	− 0·1	+ 2·0	+ 3·8	+ 6·6	+ 5·3	+ 3·4	− 3·5	− 9·7	−15·7	**−23·4**	−23·0	−20·8	−12·5	− 1·0	+ 6·2	+12·5	+16·5	**+18·4**	+15·5	+ 7·2	+ 6·5	+ 3·0	+ 4·3	− 1·3
Winter ...	+ 0·9	+ 3·7	+ 5·1	+ 7·8	+10·1	**+10·5**	+ 8·8	+ 5·5	− 2·4	**− 9·1**	− 8·7	− 8·7	− 5·7	− 1·2	+ 1·6	+ 4·9	+ 1·5	+ 2·8	+ 0·1	− 5·2	− 4·3	− 7·7	− 5·4	− 4·5
Equinox ...	− 0·3	+ 2·0	+ 2·7	+ 9·8	+ 7·5	+ 6·9	− 3·9	−11·1	−11·6	−19·8	−22·1	**−26·3**	−13·9	− 1·3	+ 6·6	+12·9	+14·3	**+16·0**	+12·3	+ 3·5	+ 6·0	+ 2·2	+ 6·1	+ 1·1
Summer ...	− 0·9	+ 0·2	+ 3·7	+ 2·1	− 1·8	− 7·3	−15·5	−23·6	−33·1	**−41·1**	−38·1	−27·5	−17·9	− 0·6	+10·3	+19·6	+33·5	**+36·3**	+34·1	+23·3	+17·9	+14·7	+12·1	− 0·4

RANGE OF MEAN DIURNAL INEQUALITIES FOR THE MONTHS, YEAR, AND SEASONS OF 1925.

NOTE.—The ranges are those shown in Tables 262 to 279, in the preparation of which the non-cyclic change has been eliminated.

280. Eskdalemuir. **1925.**

Month and Season.	"All" Days.			Quiet Days.			Disturbed Days.			"All" Days.			Quiet Days.			Disturbed Days.		
	N.	W.	V.	N.	W.	V.	N.	W.	V.	D.	I.	H.	D.	I.	H.	D.	I.	H.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	′	′	γ	′	′	γ	′	′	γ
January ...	19·2	24·8	10·0	17·5	17·6	4·8	20·1	56·1	37·1	5·37	1·24	16·8	3·83	1·09	15·9	10·78	2·79	30·6
February ...	21·3	30·1	12·3	19·9	21·3	7·4	29·8	45·7	21·4	6·78	1·14	17·6	4·72	1·15	17·6	10·09	1·61	22·4
March ...	35·5	41·8	15·3	31·6	33·9	10·9	48·2	46·2	24·3	8·93	1·79	29·2	7·50	1·63	26·9	11·13	2·25	37·1
April ...	45·3	51·1	23·7	38·8	44·2	16·8	63·3	57·9	44·6	10·79	2·51	44·7	9·47	2·30	38·9	12·33	2·99	51·6
May ...	47·9	47·0	28·9	40·2	38·8	23·3	68·7	57·4	60·2	9·73	2·77	49·2	8·19	2·25	40·7	12·69	3·92	70·7
June ...	60·7	57·8	27·8	56·8	64·7	19·3	81·6	61·1	72·0	11·24	3·67	63·8	12·86	3·54	57·5	12·81	4·89	87·0
July ...	56·4	54·2	24·6	42·3	50·0	19·0	79·7	48·2	46·2	10·95	3·48	59·5	10·45	2·52	42·4	11·59	4·72	79·1
August ...	55·7	58·5	21·5	48·3	49·4	16·9	78·0	75·7	67·9	11·53	3·58	59·1	9·99	3·15	49·9	15·51	5·23	80·1
September	47·1	45·9	24·6	41·3	46·2	17·2	63·5	56·4	73·3	9·45	2·67	44·5	9·99	2·53	38·5	13·16	3·48	64·3
October ...	38·9	44·3	28·7	39·0	39·9	8·5	56·6	76·8	95·5	9·91	2·44	33·8	8·27	2·54	39·1	15·60	4·38	50·7
November...	27·1	32·0	19·0	22·6	22·5	6·6	30·7	62·0	83·9	7·33	1·72	24·3	4·81	1·25	20·0	12·37	3·60	35·0
December...	19·8	29·2	15·6	17·4	21·4	7·3	35·1	42·0	49·1	6·58	1·15	16·9	4·88	·91	15·5	8·79	2·55	36·7
Year ...	35·8	39·4	17·9	32·7	36·0	11·6	36·6	46·3	49·5	8·11	1·97	35·6	7·52	1·93	32·4	10·25	2·45	41·8
Winter ...	21·6	27·7	13·0	18·5	20·2	5·6	22·3	45·6	45·0	6·12	1·28	18·2	4·40	1·02	15·6	9·41	2·05	19·6
Equinox ...	39·0	43·3	19·8	36·1	39·6	11·7	48·3	54·2	54·8	9·28	2·15	36·3	8·56	2·18	35·5	12·24	2·89	42·3
Summer ...	55·1	54·4	25·4	46·5	50·7	19·2	74·0	57·0	54·0	10·78	3·34	57·3	10·28	2·84	47·4	12·20	4·37	77·4

NON-CYCLIC CHANGE (24h.—0h.).

281. Eskdalemuir. **1925.**

Month.	"All" Days.			Quiet Days.			Disturbed Days.		
	N.	W.	V.	N.	W.	V.	N.	W.	V.
	γ	γ	γ	γ	γ	γ	γ	γ	γ
January ...	+0·1	−0·4	−0·7	+1·6	+1·2	−0·2	−4·2	−5·6	+0·6
February ...	+0·1	−0·7	−0·3	+1·2	+0·3	−1·0	−4·2	−6·0	+2·4
March ...	+0·7	0·0	−0·7	+3·0	+2·6	−1·0	−6·0	−1·0	−1·4
April ...	−0·1	−0·3	0·0	+9·0	+3·8	−3·7	−5·4	−4·4	−3·8
May ...	−0·6	0·0	+0·3	+4·2	+0·8	−1·0	−10·6	+13·2	+5·2
June ...	0·0	−0·1	+1·2	+1·0	+0·6	+2·3	−7·4	−9·2	−0·8
July ...	−0·3	−0·1	+0·4	+3·8	+1·0	−1·7	−3·8	+9·6	+5·8
August ...	+0·2	−0·2	+0·3	−1·4	0·0	+1·2	−7·8	+4·6	−3·0
September	−0·5	−0·2	+0·4	+4·4	+2·8	+2·2	−19·8	−16·2	+0·2
October ...	0·0	−0·4	+1·1	+2·2	+1·4	+2·2	−18·4	−0·8	+5·6
November...	+0·6	+0·2	−0·4	+3·2	+7·8	−2·8	−3·8	+8·8	−6·4
December	−0·6	−0·6	−0·5	+0·2	−1·0	−0·8	−9·2	−4·0	+8·4
Year 1925...	—	—	—	—	—	—	—	—	—

MEAN VALUE OF THE SQUARES OF THE ABSOLUTE DAILY RANGES.

(Unit, $100\gamma^2$.)

282. Eskdalemuir. **1925.**

Month.	R_N^2	R_W^2	R_V^2	$R_N^2 + R_W^2$	$R_N^2 + R_W^2 + R_V^2$	Mean Character Figure.
January ...	19·1	*35·1	12·7	*54·6	*67·7	0·48
February ...	19·4	†43·9	6·5	†64·4	†71·3	0·61
March ...	*33·9	34·9	5·4	*68·3	*73·6	0·48
April ...	57·3	47·0	‡13·2	104·2	‡119·0	0·60
May ...	56·7	47·1	28·1	103·7	131·8	0·61
June ...	142·5	94·4	72·0	236·9	308·9	0·93
July ...	*78·2	‡61·7	*16·1	‡141·1	‡157·0	0·65
August ...	84·2	77·9	29·9	162·1	192·0	0·77
September	131·0	104·4	72·2	235·4	307·5	0·83
October ...	139·7	145·8	*72·8	285·5	*365·5	0·87
November...	50·0	70·7	39·3	120·7	160·1	0·60
December	45·5	49·9	17·2	95·4	112·7	0·74
Year 1925...	71·5	67·7	32·1	139·4	172·3	0·68

* Mean of 30 days ; † Mean of 26 days ; ‡ Mean of 29 days.

MEAN MONTHLY AND ANNUAL VALUES OF TERRESTRIAL MAGNETIC ELEMENTS.

(All days except those noted in monthly tables.)

errata 1964

283. Eskdalemuir. **1925.**

Month.	North.	West.	Vertical	Total.	Declination (West).		Inclination (North).		Horizontal Force.
	−15	−4	−41	43					−15
	γ	γ	γ	γ	°	′	°	′	γ
January ...	16029	4565	44940	47931	15	53·8	69	39·2	16666
February ...	16029	4562	44943	47933	15	53·2	69	39·2	16666
March ...	16031	4560	44936	47927	15	52·7	69	39·0	16667
April ...	16035	4554	44939	47931	15	51·3	69	38·9	16669
May ...	16042	4550	44954	47947	15	50·1	69	38·9	16675
June ...	16043	4544	44952	47945	15	48·9	69	38·9	16674
July ...	16045	4538	44939	47933	15	47·5	69	38·6	16674
August ...	16040	4533	44932	47924	15	46·8	69	38·8	16668
September ...	16028	4524	44938	47925	15	45·7	69	39·9	16654
October ...	16028	4519	44937	47923	15	44·7	69	40·0	16653
November ...	16032	4515	44954	47940	15	43·7	69	40·2	16656
December ...	16035	4510	44947	47934	15	42·5	69	39·9	16657
Year 1925 ...	16035	4539	44943	47933	15	48·4	69	39·3	16665

Values of a_n, b_n in the series $\Sigma\ (a_n \cos 15nt^\circ + b_n \sin 15nt^\circ)$, t being reckoned in hours from midnight G.M.T.

(Longitude of Eskdalemuir Observatory, 3° 12′ W.)

284. Eskdalemuir. 1925.

Month and Season.	North Component.								West Component.								Vertical Component.							
	a_1.	b_1.	a_2.	b_2.	a_3.	b_3.	a_4.	b_4.	a_1.	b_1.	a_2.	b_2.	a_3.	b_3.	a_4.	b_4.	a_1.	b_1.	a_2.	b_2.	a_3.	b_3.	a_4.	b_4.
	"All" Days.																							
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan.	+3.8	+2.9	−4.6	−1.1	+1.4	−0.6	−0.3	+0.9	−5.5	−1.6	−0.9	+6.1	−1.1	−0.5	+1.2	+1.8	−0.4	−5.0	−0.5	−1.0	0.0	−0.3	−0.4	−0.5
Feb.	+5.7	+3.9	−4.6	−1.2	+2.5	−0.2	−0.7	−0.1	−8.5	−6.0	−1.8	+5.4	−1.2	−2.4	+0.6	+2.3	+2.7	−5.0	−1.5	−1.1	+0.8	−0.1	−0.6	−0.5
Mar.	+12.6	+1.3	−8.2	−1.3	+3.7	−1.3	−0.9	+0.7	−6.9	−9.2	+3.3	+8.3	−2.9	−4.1	+1.0	+2.2	+3.2	−3.4	−3.2	−0.3	+2.1	+0.4	−0.8	0.0
April	+16.6	−2.7	−11.2	+0.1	+4.3	−2.5	−0.2	+1.4	−5.0	−12.7	+4.1	+11.3	−2.6	−4.7	+1.8	+1.5	+3.9	−5.6	−5.4	−2.1	+2.0	+0.8	−0.4	+0.2
May	+14.4	−8.3	−10.5	+0.7	+1.6	+0.6	−0.8	+0.7	−5.3	−15.9	+4.6	+8.3	−2.3	−2.8	+0.9	−0.2	+4.4	−6.8	−7.1	−1.9	+1.3	−0.3	−0.7	+0.1
June	+15.6	−13.8	−13.6	+2.4	+0.9	+0.7	+0.3	0.0	−6.8	−20.5	+3.1	+10.1	−3.0	−3.0	+1.5	+1.8	+1.7	−9.9	−7.8	−2.2	+0.0	+0.2	−1.1	−0.9
July	+15.4	−10.1	−12.8	+1.5	+2.1	+0.4	+1.2	+0.4	−5.0	−20.0	+3.6	+10.7	−3.2	−2.3	−0.5	+0.7	+3.8	−5.7	−5.9	−2.8	+0.3	+0.8	−0.2	+0.5
Aug.	+17.0	−10.9	−10.3	+3.9	+2.2	−2.6	+0.3	+1.4	−7.6	−17.3	+5.7	+10.1	−4.7	−3.9	+0.7	+1.2	+0.6	−6.5	−6.6	−2.5	+2.3	−0.3	−0.6	−0.4
Sept.	+17.1	−7.9	−8.4	+3.5	+1.4	−2.3	+0.1	+0.7	−9.0	−9.4	+7.2	+7.2	−4.4	−3.3	+1.1	+0.8	−1.5	−9.2	−5.6	−1.5	+1.8	+0.7	−0.6	+0.5
Oct.	+13.0	+0.2	−9.3	+1.0	+3.3	−1.6	+1.4	−0.1	−12.9	−8.3	−1.1	+10.4	−1.7	−4.1	+1.4	+2.2	−2.4	−11.5	−4.0	−2.3	+1.3	+2.3	−0.9	+0.4
Nov.	+8.6	+0.9	−6.7	−0.5	+3.2	−1.3	+1.1	+0.8	−9.1	−3.6	−0.6	+7.8	−1.2	−2.2	+1.3	+1.8	−1.6	−7.5	−1.5	−2.6	+0.9	+0.3	−0.2	+0.1
Dec.	+6.8	+1.8	−4.4	−0.4	+1.4	−1.3	+0.2	+0.3	−8.5	−5.0	−1.9	+5.2	−0.5	−0.3	+1.0	+2.5	+1.8	−6.5	−1.3	−0.3	−0.1	0.0	−0.3	+0.3
Year	+12.2	−3.5	−8.7	+0.7	+2.3	−1.0	+0.1	+0.6	−7.5	−10.8	+2.1	+8.4	−2.4	−2.8	+1.0	+1.5	+1.3	−6.9	−4.2	−1.7	+1.1	+0.4	−0.6	0.0
W.	+6.2	+2.4	−5.1	−0.8	+2.1	−0.8	−0.5	+0.5	−7.9	−4.1	−1.3	+6.1	−1.0	−1.3	+1.0	+2.1	+0.6	−6.0	−1.2	−1.2	+0.4	0.0	−0.4	−0.2
Eq.	+14.8	−2.3	−9.3	+0.8	+3.2	−1.9	−0.6	+0.7	−8.5	−9.9	+3.4	+9.3	−2.9	−4.0	+1.3	+1.7	+0.8	−7.4	−4.5	−1.5	+1.8	+1.0	−0.7	+0.3
S.	+15.6	−10.8	−11.8	+2.1	+1.7	−0.2	+0.7	+0.6	−6.1	−18.4	+4.2	+9.8	−3.3	−3.0	+0.6	+0.9	+2.6	−7.2	−6.8	−2.3	+1.0	+0.1	−0.7	−0.2
	Quiet Days.																							
Year	+11.5	−2.2	−7.8	+0.1	+2.3	−1.0	−0.3	+0.6	−2.8	−10.0	+3.3	+6.9	−2.5	−3.2	+0.8	+1.2	+3.2	−0.6	−2.9	−0.3	+1.5	0.0	−0.7	−0.2
W.	+5.7	+1.1	−4.5	−1.5	+1.7	−0.7	−0.2	+0.3	−3.6	−3.3	+0.5	+4.8	−1.3	−1.9	+0.5	+1.5	+1.1	−1.9	−0.7	+0.2	+0.7	−0.1	−0.5	−0.2
Eq.	+14.0	−1.1	−8.5	+0.5	+3.6	−1.5	−0.8	+1.2	−2.4	−10.1	+3.9	+7.2	−3.3	−4.4	+1.5	+1.5	+3.5	+0.3	−2.8	−0.2	+2.0	+0.2	−0.8	−0.3
S.	+14.9	−6.7	−10.4	+1.4	+1.6	−0.8	0.0	+0.4	−2.3	−16.7	+5.4	+8.8	−3.0	−3.2	+0.5	+0.7	+5.0	−0.3	−5.2	−1.0	+1.9	−0.1	−0.8	+0.1
	Disturbed Days.																							
Year	+13.4	−5.9	−10.1	+2.8	+1.9	−0.7	−0.1	−0.7	−15.2	−8.9	−1.0	+10.0	−1.3	−2.1	+1.0	+1.4	−3.8	−20.5	−6.3	−4.3	+0.6	+1.3	−0.4	+0.6
W.	+5.6	+4.3	−5.0	+1.6	+1.4	−1.0	−0.3	+0.1	−14.8	−1.9	−5.3	+8.8	+0.9	+0.3	+1.7	+3.4	−1.2	−17.6	−2.8	−5.4	−0.1	+0.1	+0.1	+0.4
Eq.	+14.5	−4.3	−10.7	+2.3	+3.0	−1.0	−0.9	−2.0	−18.4	−7.8	+1.7	+11.8	−1.3	−2.2	+1.7	+0.8	−4.0	−22.7	−7.3	−3.0	+0.9	+3.6	−0.1	+1.3
S.	+20.0	−17.6	−14.5	+4.4	+1.4	−0.2	+0.8	−0.2	−12.3	−17.1	+0.5	+9.4	−3.6	−4.3	−0.4	+0.2	−6.3	−21.2	−8.8	−4.4	+1.1	+0.1	−1.2	+0.1

HARMONIC COMPONENTS OF THE DIURNAL INEQUALITY OF MAGNETIC FORCE.

Values of c_n, α_n in the series $\Sigma c_n \sin\ (15n\mathrm{T}^\circ + \alpha_n)$, T being Mean Local Time reckoned in hours from midnight.

285. Eskdalemuir. 1925.

Month and Season.	North Component.								West Component.								Vertical Component.							
	c_1.	α_1.	c_2.	α_2.	c_3.	α_3.	c_4.	α_4.	c_1.	α_1.	c_2.	α_2.	c_3.	α_3.	c_4.	α_4.	c_1.	α_1	c_2.	α_2.	c_3.	α_3.	c_4.	α_4.
	"All" Days.																							
	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°
Jan.	4.8	56	4.7	263	1.5	122	0.9	355	5.8	257	6.2	358	1.2	255	2.2	46	5.0	188	1.1	213	0.3	185	0.6	213
Feb.	6.9	59	4.8	262	2.5	103	0.7	272	10.4	238	5.7	348	2.7	216	2.4	27	5.7	154	1.9	242	0.8	108	0.8	241
Mar.	12.7	87	8.3	268	4.0	119	1.1	319	11.5	220	9.0	28	5.0	225	2.4	37	4.7	140	3.2	271	2.1	88	0.8	283
April	16.8	103	11.2	277	5.0	130	1.4	5	13.6	205	12.0	26	5.3	219	2.3	64	6.8	149	5.8	255	2.2	79	0.4	304
May	16.6	123	10.5	280	1.7	79	1.1	64	16.8	202	9.5	35	3.7	229	0.9	115	8.1	150	7.3	261	1.3	111	0.7	294
June	20.8	135	13.8	286	1.1	62	0.3	95	21.5	201	10.5	24	4.2	234	2.3	53	10.0	174	8.1	261	0.2	358	1.4	243
July	18.4	127	12.9	283	2.2	90	1.3	85	20.6	~~[illegible]~~ 137	11.2	25	3.9	244	0.9	335	6.8	150	6.5	251	0.9	31	0.5	346
Aug.	20.2	126	11.0	297	3.4	150	1.4	25	18.9	207	11.6	36	6.1	240	1.4	44	6.5	178	7.1	256	2.3	107	0.7	253
Sept.	18.8	118	9.1	299	2.7	157	0.7	22	13.1	227	10.3	51	5.5	243	1.4	67	9.4	192	5.8	261	1.9	77	0.8	325
Oct.	13.0	92	9.4	283	3.6	125	1.4	277	15.3	241	10.5	1	4.5	213	2.6	44	11.7	195	4.6	247	2.6	40	1.0	309
Nov.	8.7	87	6.7	272	3.5	122	1.3	318	9.8	252	7.9	2	2.5	219	2.3	49	7.7	195	3.0	217	0.9	84	0.2	309
Dec.	7.0	79	4.4	271	1.9	142	0.4	46	9.9	243	5.5	346	0.6	248	2.7	35	6.8	168	1.3	265	0.1	272	0.4	323
Year	12.7	109	8.7	281	2.5	123	0.6	25	13.2	218	8.7	21	3.7	230	1.8	46	7.0	172	4.5	254	1.1	81	0.6	281
W.	6.7	72	5.1	267	2.3	120	0.6	327	8.9	246	6.3	355	1.7	226	2.4	39	6.0	177	1.7	231	0.4	105	0.4	258
Eq.	15.0	102	9.3	282	3.7	131	0.9	331	13.1	224	9.9	26	5.0	226	2.1	51	7.5	177	4.8	258	2.1	70	0.7	305
S.	18.9	128	12.0	286	1.7	108	0.9	60	19.4	202	10.7	30	4.5	142	1.1	50	7.7	163	7.2	257	1.0	94	0.7	269
	Quiet Days.																							
Year	11.8	104	7.8	277	2.5	123	0.7	345	10.4	199	7.7	32	4.0	228	1.5	46	3.3	104	2.9	270	1.5	100	0.7	267
W.	5.8	82	4.8	259	1.8	122	0.4	340	4.8	231	4.8	13	2.3	223	1.5	27	2.2	152	0.7	294	0.7	107	0.5	260
Eq	14.0	98	8.5	280	3.9	123	1.4	340	10.4	197	8.2	35	5.5	226	2.2	57	3.5	88	2.8	~~242~~ 272	2.0	94	0.9	261
S	16.4	117	10.5	284	1.8	126	0.4	14	16.8	191	10.3	38	4.4	233	0.9	51	5.0	97	5.3	264	1.9	103	0.8	287
	Disturbed Days.																							
Year	14.6	117	10.4	292	2.0	121	0.7	204	17.7	243	10.1	1	2.5	222	1.7	47	20.9	194	7.6	242	1.4	36	0.7	338
W.	7.1	56	5.3	294	1.7	136	0.3	295	15.0	266	10.3	336	1.0	79	3.8	39	17.7	187	6.1	213	0.2	335	0.4	23
Eq.	15.2	110	11.0	289	3.1	119	2.2	217	20.0	250	11.9	15	2.6	219	1.9	77	23.1	193	7.9	254	3.7	23	1.3	367
S.	26.7	135	15.1	293	1.4	107	0.8	116	21.0	219	9.4	9	5.6	229	0.4	307	22.2	200	9.8	250	1.1	94	1.2	287

286. MEAN VALUES, FOR THE YEARS SPECIFIED, OF THE MAGNETIC ELEMENTS AT OBSERVATORIES IN COMMUNICATION WITH THE ROYAL OBSERVATORY, GREENWICH.

Place.	Latitude.	Longitude.	1925. Declination.	1925. Inclination.	1925. Horizontal Force.	1925. Vertical Force.	1924. Declination.	1924. Inclination.	1924. Horizontal Force.	1924. Vertical Force.	1923. Declination.	1923. Inclination.	1923. Horizontal Force.	1923. Vertical Force.
	N. ° ′	° ′	° ′	N. ° ′	γ	γ	° ′	N. ° ′	γ	γ	° ′	N. ° ′	γ	γ
Sodankylä, Finland	67 22	26 39E.	1 52·5E.	75 48·4	12440	49186	1 41·2E.	75 45·4	12490	49204	1 30·6E.	75 42·6	12529	49189
*Lerwick, Shetland Islands ...	60 9	1 11W.	15 17·7W.	72 37·2	14621	46712	15 30·6W.	72 35·7	14642	46708	15 44·5W.	72 33·6	14655	46650
Pavlovsk, Leningrad, Russia	59 41	30 29E.	3 25·3E.	71 27·1	15770	46999	3 16·1E.	71 23·4	15817	46970	3 7·1E.	71 20·0	15858	46943
Sitka, Alaska	57 3	135 20W.	30 27·2E.	74 22·2	15524	55488	30 28·7E.	74 22·0	15536	55519	30 28·9E.	74 22·1	15549	55573
†Ekaterinburg, Russia ...	56 50	60 36E.	11 1·0E.	72 3·0	16513	50974	11 0·8E.	71 58·4	16578	50942	11 0·7E.	71 54·2	16638	50915
Rude Skov, Denmark ...	55 51	12 27E.	6 57·7W.	69 6·8	17030	44626	7 10·4W	69 5·1	17053	44621	7 22·6W.	69 3·6	17073	44615
Kasan, Russia	55 50	48 51E.	8 56·9E.	70 12·8	17252	47953	8 53·5E.	70 7·6	17310	47888	8 50·4E.	70 2·4	17367	47819
Eskdalemuir, Scotland ...	55 19	3 12W.	15 48·4W.	69 39·3	16665	44943	16 1·2W.	69 38·7	16673	44938	16 13·8W.	69 38·8	16676	44954
Meanook, Alberta	54 37	113 21W.	...	...	...	...	27 17·7E.	77 53·6	12866	59984	27 23·3E.	77 53·2	12881	60025
Stonyhurst, Lancs., England	53 51	2 28W.	14 53·4W.	68 42·2	17263	44282	15 5·4W.	68 41·7	17276	44281	15 17·6W.	68 41·6	17308	44377
Irkutsk (Zouy). Siberia ...	52 28	104 2E.	0 45·5E.	71 15·6	19070	56212	...	...	...	...	...	...	...	...
Potsdam, Prussia	52 23	13 4E.	6 33·0W.	66 39·7	18532	42951	6 45·0W.	66 38·0	18550	42935	6 56·9W.	66 36·5	18565	42919
Seddin, Prussia	52 17	13 1E.	6 34·3W.	66 36·7	18570	42936	6 46·8W.	66 35·0	18589	42922	6 58·6W.	66 33·6	18603	42906
Swider, Poland	52 7	21 15E.	...	...	...	...	2 58·0W.	66 42·0	18645	43294	3 9·5W.	66 39·0	18672	43251
De Bilt, Utrecht, Holland ...	52 5	5 11E.	10 25·4W.	66 53·5	18359	43026	10 38·3W.	66 52·7	18372	43024	10 50·2W.	66 52·6	18378	43038
*Valentia, Cahirciveen, Ireland	51 56	10 15W.	18 22·4W.	68 0·0	17849	44177	18 34·9W.	68 0·1	17854	44214	18 46·5W.	68 1·5	17852	44242
Bochum, Prussia	51 29	7 14E.	9 25·9W.	...	...	...	9 36·6W.	...	...	...	9 46·8W.	...	...	...
Kew, Richmond, Surrey, England.	51 28	0 19W.					13 45·1W.	66 56·5	18392	43205	13 57·3W.	66 57·0	18394	43230
Greenwich, London. England	51 28	0 0	13 9·9W.	66 51·4	18414	43080	13 22·8W.	66 51·6	18426	43112	13 35·1W.	66 51·8	18432	43137
Uccle, Belgium	50 48	4 21E.	10 52·7W.	...	...	...	11 3·8W.	...	...	...	11 15·1W.	...	...	...
Prague, Bohemia	50 5	14 25E.	5 34·9W.	...	...	...	5 48·1W.	...	...	...	6 0·4W.	...	...	...
Val Joyeux, near Paris, France	48 49	2 1E.	11 55·8W.	64 38·7	19659	41485	12 7·9W.	64 38·9	19663	41501	12 20·2W.	64 39·0	19664	41504
Munich, Bavaria	48 9	11 37E.	7 6·7W.	...	...	...	7 17·5W.	...	...	...	7 29·1W.	...	...	...
Nantes, France	47 15	1 34W.	12 59·6W.	63 39·0	20234	40890	13 11·6W.	63 41·6	~~20420~~ 240	40940	13 23·5W.	63 45·8	20212	41009
†Odessa, Russia	46 26	30 46E.	1 36·4W.	63 18·9	21213	42206	1 44·6W.	63 15·1	21246	42154	1 53·1W.	63 11·5	21272	42098
Pola, Istria, Italy	44 52	13 51E.	...	...	...	...	...	...	...	...	...	...	...	...
Agincourt, Ontario	43 47	79 16W.	7 9·7W.	74 44·2	15728	57628	7 5·8W.	74 44·3	15752	57733	7 0·9W.	74 44·3	15784	57849
Tortosa, Spain	40 49	0 30E.	11 8·8W.	57 28·4	23367	36642	11 20·2W.	57 30·5	23359	36678	11 30·6W.	57 32·7	23328	36680
Coimbra, Portugal	40 12	8 25W.	14 38·2W.	58 13·9	23143	37368	14 45·6W.	58 14·1	23128	37353	14 54·2W.	58 18·9	23110	37433
Cheltenham, Maryland ...	38 44	76 50W.	6 39·2W.	71 0·5	18870	54826	6 35·8W.	70 59·0	18927	54920	6 32·0W.	70 58·3	18976	55018
*†San Miguel, Azores ...	37 46	25 39W.	18 56·5W.	60 2·6	23256	40378	19 1·6W.	60 7·4	23245	40459	19 5·5W.	60 11·9	23205	40514
San Fernando, Spain ...	36 28	6 12W.	13 15·1W.	53 40·0	25032	34035	13 23·5W.	53 46·8	25016	34155	13 32·6W.	53 48·7	25027	34210
Tucson, Arizona	32 15	110 50W.	13 45·3E.	59 30·6	26687	45323	13 46·4E.	59 29·4	26745	45388	13 47·3E.	59 28·8	26794	45450
Lukiapang, Shanghai, China	31 19	121 2E.	...	...	...	...	3 28·4W.	...	...	...	3 25·9W.	...	...	...
Dehra Dun, near Simla, India	30 19	78 3E.	1 30·5E.	45 21·0	32948	33353	1 34·6E.	45 17·0	32943	33270	1 38·6E.	45 12·5	32927	33167
Helwan, Egypt	29 52	31 21E.	...	...	...	...	0 52·3W.	...	29979	...	1 0·3W.	...	29973	26366
Hongkong, China	22 18	114 10E.	0 27·2W.	30 41·8	37325	22159	0 23·8W.	30 42·8	37294	22155	0 23·2W.	30 44·7	37295	22183
Honolulu, Hawaii	21 19	158 4W.	10 1·8E.	39 25·9	28708	23607	10 0·2E.	39 24·5	28745	23619	9 58·9E.	39 23·9	28772	23635
Teoluyucan, Mexico	19 45	99 11W.	9 14·6E.	46 30·4	31600	33308	9 14·4E.	46 48·3	31555	33612	9 13·1E.	46 35·6	31704	33425
Toungoo, Burma	18 56	96 27E.	...	...	...	...	...	...	...	...	‡0 31·9W.	‡23 6·1	‡39207	‡16725
Alibag, Bombay, India ...	18 39	72 52E.	...	...	...	...	...	...	...	...	0 7·9E.	25 8·4	37017	17376
Vieques, Porto Rico	18 9	65 26W.	...	...	...	...	4 15·5W.	51 42·2	27565	34908	4 8·3W.	51 38·1	27629	34902
Kodai-Kanal, India	10 14	77 28E.	...	...	...	...	...	...	...	...	‡2 0·7W.	‡4 41·3	‡37950	‡03112
Batavia, Java	S. 6 11	106 49E.	0 53·1E.	S. 32 7·6	36834	23130	0 52·9E.	S. 32 4·3	36821	23073	0 52·2E.	S. 32 0·9	36805	23012
*Huancayo, Peru	12 3	75 20W.	7 59·1E.	1 1·5	29750	00532	8 1·7E.	0 54·6	29762	00473	8 4·6E.	N. 0 45·6	29784	00395
Apia, Samoa	13 48	171 46W.	10 22·8E.	30 7·6	35239	20453	10 19·2E.	30 7·5	35249	20453	10 16·3E.	S. 30 6·6	35248	20440
Mauritius	20 6	57 33E.	11 9·6W.	52 31·0	22906	29867	10 59·7W.	52 32·2	22943	29940	10 49·2W.	52 33·7	22982	30017
*La Quiaca, Jujuy, Argentina	22 8	65 43W.	5 29·1E.	12 28·2	26435	05848	5 33·3E.	12 29·3	26481	05863	5 40·2E.	12 29·5	26505	05881
Vassouras, Brazil	22 24	43 39W.	...	...	...	...	...	...	...	...	11 42·8W.	15 53·7	24407	06950
Watheroo, Australia ...	30 19	115 53E.	4 17·7W.	64 7·9	24719	50977	4 18·3W.	64 5·2	24750	50941	4 19·5W.	64 3·0	24777	50914
Pilar, Cordova, Argentina ...	31 40	63 53W.	7 6·2E.	25 41·3	25012	12031	7 14·4E.	25 39·3	25084	12048	7 23·1E.	25 38·4	25139	12066
*Toolangi, Australia	37 32	145 28E.	8 12·1E.	67 44·4	22954	56079	8 11·3E.	67 42·6	22980	56060	8 10·7E.	67 40·6	22995	56013
Christchurch, New Zealand...	43 32	172 37E.	17 21·1E.	68 14·2	22166	55522	17 16·4E.	68 12·7	22188	55508	17 11·7E.	68 12·0	22209	55526

NOTES.—*Results derived from absolute observations only. † A local anomaly is known to exist at the site of the Observatory.
‡ Mean values for the 9 months January to September.

287. ADDITIONAL VALUES FOR EARLIER YEARS.

			1922.				1921.				1920.			
	N. ° ′	°	° ′	N. ° ′			° ′	N. ° ′	γ	γ	° ′	N. ° ′	γ	γ
Bochum, Prussia	51 29	7 14E.	9 58·8W.	...	...	...	10 10·4W.	...	...	...	10 19·9W.	...	...	...
Uccle, Belgium	50 48	4 21E.	11 28·2W.	66 3·5	...	...	11 39·0W.	66 3·7	...	...	11 50·6W.	66 4·1	...	...
Prague, Bohemia	50 5	14 25E.	6 12·1W.	...	...	...	6 24·2W.	...	...	...	6 35·6W.	...	...	...
†Odessa, Russia	46 26	30 46E.	2 1·3W.	63 8·0	...	...	...	...	...	...	...	...	...	...
San Miguel, Azores	37 46	25 39W.	19 10·8W.	60 17·0	23189	40630	19 15·9W.	60 20·8	23132	40621	19 20·2W.	60 26·0	23123	40759
Lukiapang, Shanghai, China	31 19	121 2E.	3 25·1W.	45 30·5	33204	33799	3 24·0W.	45 30·6	33188	33784	...	...	...	...
Helwan, Egypt	29 52	31 21E.	1 7·8W.	41 17·9	29957	26316	1 15·9W.	41 15·4	29947	26269	...	...	...	...
Teoluyucan, Mexico	19 45	99 11W.	9 11·2E.	46 30·7	32160	33903	9 11·7E.	...	...	...	9 9·6E.	...	...	...
Batavia, Java	S. 6 11	106 49E.	0 49·0E.	S. 31 58·7	36840	22978	...	S. ...	...	...	...	S. ...	...	...
La Quiaca, Argentina ...	22 8	65 43W.	5 49·2E.	12 30·9	26511	05884	5 57·3E.	12 37·9	26557	05949	6 3·3E.	12 39·6	26621	05979
Watheroo, W. Australia ...	30 19	115 53E.	4 20·8W.	64 1·1	24799	50885	4 21·5W.	63 58·2	24842	50865	4 22·1W.	63 54·8	24888	50832

SEISMOLOGICAL DIARY : *Instruments*.—Two horizontal Galitzin Seismographs, with galvanometric registration.
Lat. 55° 19′ N. Long. 3° 12′ W. Height above M.S.L. 242 metres.

288. Eskdalemuir. **1925.**

Date.	Phase.	Time. G.M.T.	Period	Amplitudes. A_N.	Amplitudes. A_E.	△	Remarks.
		h. m. s.	s.	μ	μ	km.	
Jan. 9	e (?S)	17 50 24	...	...	...	...	
	L_N	15 54	...	...	...	...	
	L_E	15 58	...	...	...	...	
	F	18 40	...	...	...	...	
18	iP	12 17 36	...	...	...	8270	Record badly confused by overlapping traces.
	iS	12 27 9	...	...	...	...	
	F	15	...	...	...	...	
26	e_E	19 24	...	...	...	...	
	e_E	19 29	...	...	...	...	
	e_E	19 32·5	...	...	...	...	
	L	19 38	...	...	...	...	
	F	20 10	...	...	...	...	
28	eP	4 17 31	...	...	...	8700	
	S	4 27 26	...	...	...	...	
	L	4 44	...	...	...	...	
	F	7	...	...	...	...	
28	?e	11 20	...	...	...	...	
	e	11 26	...	...	...	...	
	L	11 39	...	...	...	...	
	F	12	...	...	...	...	
28	L	19 1	...	...	...	...	
	F	19 12	...	...	...	...	
30	...	18 } 19 }	...	...	...	...	Disturbance masked by strong microseisms.
Feb. 1	?S	5 46	...	...	...	...	Confused by microseisms and wind effects.
	L	6 4	...	...	...	...	
	F	7	...	...	...	...	
1	L	21 40	...	...	...	...	
	F	21 50	...	...	...	...	
1	?e	21 56	...	...	...	...	Shocks in Cornwall and English Channel.
	F	21 57	...	...	...	...	
2	?eP	13 41·5	...	...	...	...	Confused by microseisms.
	S	13 51 12	...	...	...	...	
	L	14 9	...	...	...	...	
	F	15 15	...	...	...	...	
2	...	...	...	...	...	...	An earthquake in the interval between 19h. and 21h. No record 19h. to 20h. 56m.
	F	22	...	...	...	...	
2	L	22 57	...	...	...	...	
	F	23 30	...	...	...	...	
7	i	12 24 38	...	...	...	...	
	F	12 45	...	...	...	...	
7	L	19 4	...	...	...	...	
	F	19 30	...	...	...	...	
9	...	15 16	...	...	...	...	Disturbance badly confused by microseisms.
13	L	15 6	...	...	...	...	
	F	16 30	...	...	...	...	
16	e	18 8	...	...	...	...	
	F	19 30	...	...	...	...	
20	P	1 14 15	...	...	...	8510	
	PR_1	1 17 15	...	...	...	...	
	PR_2	1 19 0	...	...	...	...	
	S	1 24 1	...	...	...	...	
	SR_1	1 29·5	...	...	...	...	
	L	1 38	...	...	...	...	
	M_N	1 50	25	28	...	...	
	F	4	...	...	...	...	
Mar. 1	P_E	2 26 55	...	...	...	4140	Time of origination 2h. 19m. 27s. G.M.T. Felt in Quebec and other parts of N. America.
	PR_E	2 28 30	...	...	...	...	
	S_E	2 32 50	...	...	...	...	
	i_E	2 35 50	...	...	...	...	
Mar.	i_N	2 36 24	...	...	...	...	
	L	2 37·5	...	...	...	...	
1	M_N	2 39	20	58	...	...	
	M_E	2 42 } 2 43 }	16	...	44	...	
	F	4	...	...	...	...	
1	L	13 10	...	...	...	...	
	M	13 23	16	8	4	...	
	F	13 40	...	...	...	...	
15	?e	16 11	...	...	...	...	
	L	16 37	...	...	...	...	
	F	17 20	...	...	...	...	
16	e	0 12	...	...	...	...	A few small waves.
	F	0 20	...	...	...	...	
16	?eP	14 54 8	...	...	...	...	Record defective in parts. L well developed.
	S	15 3 30	...	...	...	...	
	F	17 30	...	...	...	...	
17	...	0 to 1	...	...	...	...	Small disturbance. Record defective.
20	L	13 6	...	...	...	...	
	F	13 30	...	...	...	...	
29	P_E	21 24 16	...	...	...	8250	
	S	21 33 48	...	...	...	...	
	L	21 48	...	...	...	...	
	M_E	21 53	20	...	14	...	
	F	22 40	...	...	...	...	
April 2	...	23 33 to 23 46	...	...	...	...	Traces of waves.
5	?eL	3 20...	...	...	...	...	Confused by microseisms.
	F	3 35	...	...	...	...	
5	L	22 11	...	...	...	...	
	M_N	22·18	2	2	...	...	
	F	22 45	...	...	...	...	
11	eP	10 56 18	...	...	...	...	
	PR	11 0	...	...	...	...	
	e (?S)	11 6 33	...	...	...	...	
	? SR	11 15·5	...	...	...	...	
	L	11 25	...	...	...	...	
	F	15	...	...	...	...	
16	i (PR)	20 10 14	...	...	...	...	Earlier phases masked by wind and microseisms. Many maxima lost owing to rapid movement of spot of light.
	S	20 16 26	...	...	...	...	
	L	20 32	...	...	...	...	
	M_N	20 40	32	228	...	...	
	F	22	...	...	...	...	
19	i_E	18 6 46	...	...	...	...	
	e	16 11 3	...	...	...	...	
	e	16 14 28	...	...	...	...	
	L	16 35	...	...	...	...	
	F	17	...	...	...	...	
19	e	21 14·5	...	...	...	...	
	L	21 20	...	...	...	...	
	F	22	...	...	...	...	
20	L	23 46·5	...	...	...	...	
	F	23 50	...	...	...	...	
23	L	0 7	...	...	...	...	
	F	1	...	...	...	...	
25	e	10 5	...	...	...	...	
	L	10 7	...	...	...	...	
	F	10 30	...	...	...	...	
26	...	between 9 and 11	...	...	...	..	Earthquake. Record defective.
30	...	12 21 to 13 15	...	...	...	...	Waves of small amplitude.

SEISMOLOGICAL DIARY :—*continued.* *Instruments.*—Two horizontal Galitzin Seismographs with galvanometric registration.
Lat. 55° 19′ N. Long. 3° 12′ W. Height above M.S.L. 242 metres.

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Date.	Phase.	Time. G.M.T.	Period	Amplitudes. A_N.	Amplitudes. A_E.	△	Remarks.
May		h. m. s.	s.	μ	μ	km.	
3	?eP	17 36 19	...	...	...	?10620	
	PR_1	17 41 2	...	...	...	...	
	?eS	17 47 44	...	...	...	...	
	SR	17 56	...	...	...	...	
	L	17 8	...	...	...	...	
	M_N	18 24	28	+117	...	...	
	M_N	18 29	25	+105	...	...	
	M_E	18 29	24	...	+70	...	
	F	21	...	...	...	...	
3	P	23 13 13	...	...	...	...	Record defective after 23h. 50m.
	PR_1	23 17 28	...	...	...	...	
	?eS	23 23 38	...	...	...	...	
	i	23 23 56	...	...	...	...	
	e	23 26·5	...	...	...	...	
	SR	23 32	...	...	...	...	
	L	23 43	...	...	...	...	
	F	?	...	...	...	...	
4	...	12 to 13 30	...	...	...	...	Traces of waves.
5	?e	10 20 51	...	...	...	...	
	e	10 24 1	...	...	...	...	
	S	10 30 45	...	...	...	...	
	L	10 55	...	...	...	...	
	M_E	11 6	23	...	+61	...	
	L	12 47	...	...	...	...	
	M_E	13 5 / 6	19	...	+ 6	...	
	F	14	...	...	...	...	
5	...	19 10 to 19 35	...	...	...	...	Waves of very small amplitude.
5	e	23 35 45	...	...	...	...	
	e	23 40 15	...	...	...	...	
	S_E	23 49 30	...	...	...	...	
6	L	0 10	...	...	...	...	
	M_E	0 29	22	...	20	...	
	M_N	0 30	20	20	...	...	
	F	2 30	...	...	...	...	
6	...	9 25 to 10 20	...	...	...	...	Waves of small amplitude.
7	...	13 to 13 25	...	...	...	...	Slight disturbance.
7	L	15 20	...	...	...	...	
	F	16 15	...	...	...	...	
13	...	9 to 9 30	...	...	...	...	Waves of small amplitude.
13	L	23 7	...	...	...	...	
	F	23 30	...	...	...	...	
14	e	0 17 31	...	...	...	...	
	e	0 23 16	...	...	...	...	
	L	0 36	...	...	...	...	
	F	1 15	...	...	...	...	
15	e	12 21 14	...	...	...	...	
	e	12 23 39	...	...	...	...	
	F	13 30	...	...	...	...	
20	e	11 17 49	...	...	...	?9600	
	e	11 21 14	...	...	...	...	
	e	11 28 30	...	...	...	...	
	L	11 49	...	...	...	...	
	F	13	...	...	...	...	
20	...	23 to	...	...	...	...	Traces of waves of low amplitude.
21	...	1					
22	i_E(S)	10 3 52	...	...	...	...	
	L	10 25	...	...	...	...	
	F	11 30	...	...	...	...	
23	i (S)	2 32 22	...	...	...	...	
	L	2 47	...	...	...	...	
	M_N	2 57	20	18	...	...	
	M_E	2 57	...	...	22	...	
	F	4 15	...	...	...	...	
May		h. m. s.	s.	μ	μ	km.	
23	e	21 31	...	...	...	...	
	F	23 30	...	...	...	...	
24	e	1 48	...	...	...	...	
	L	2 6	...	...	...	...	
	M_N	2 13	25	17	...	...	
	M_E	2 13	25	...	19	...	
	M_N	2 21	17	15	...	...	
	M_E	2 21	17	...	9	...	
	F	3	...	...	...	...	
June 4	?e	1 46	...	...	...	...	
	L	2 4	...	...	...	...	
	F	2 30	...	...	...	...	
4	e	12 23 40	...	...	...	...	
	L	12 33	...	...	...	...	
	F	13 15	...	...	...	...	
7	eP	23 53 33	...	...	...	8250	
8	iS	0 3 5	...	...	...	...	
	SR	0 8	...	...	...	...	
	L	0 20	...	...	...	...	
	F	1	...	...	...	...	
9	e	13 56 9	...	...	...	...	
	e	14 1 2	...	...	...	...	
	e	14 8	...	...	...	...	Maxima confused.
	?S	14 11	...	...	...	...	
	?SR	14 17	...	...	...	...	
	L	14 30	...	...	...	...	
	F	17 30	...	...	...	...	
9	e	19 55	...	...	...	...	Small waves.
	F	20 15	...	...	...	...	
20	iP_E	13 13 2	...	...	...	5500	
	iS	13 20 11	...	...	...	...	
	i	13 21 27	...	...	...	...	
	F	14	...	...	...	...	
23	...	4 40 to 6	...	...	...	...	Traces of disturbance.
28	P	1 31 30	...	...	...	6860	
	PR_1	1 33 42	...	...	...	...	
	PR_2	1 35 24	...	...	...	...	
	S	1 39 52	...	...	...	...	
	SR_1	1 44	...	...	...	...	
	L	1 49 / 1 50	...	...	...	...	
	M_N	1 54 10	25	+52	...	...	
	M_E	1 57 0	18	...	+77	...	
	F	4 30	...	...	...	...	
28	eP	6 26 46	...	...	...	9340	
	e	6 30	...	...	...	...	
	S	6 37 13	...	...	...	...	
	L	6 56	...	...	...	...	
	F	8 0	...	...	...	...	
28	e	14 5	...	...	...	...	
	e	14 10	...	...	...	...	
	L	14 21	...	...	...	...	
	F	15 15	...	...	...	...	
28	...	between 16 and 17	...	...	...	...	Traces of waves.
28	L	23 4	...	...	...	...	
	F	23 20	...	...	...	...	
29	P	14 54 12	...	...	...	8370	
	eS	15 3 50	...	...	...	...	
	SR_1	15 8·5	...	...	...	...	
	L	15 18	...	...	...	...	
	M_E	15 27	17	...	25	...	
	M_N	15 27	19	18	...	...	
	F	18	...	...	...	...	
30	L	4 49	...	...	...	...	Small waves.
	F	5 30	...	...	...	...	

SEISMOLOGICAL DIARY :—*continued.* *Instruments.*—Two horizontal Galitzin Seismographs with galvanometric registration.
Lat. 55° 19′ N. Long. 3° 12′ W. Height above M.S.L. 242 metres.

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Date.	Phase.	Time. G.M.T.	Period	Amplitudes. A_N	Amplitudes. A_E	△	Remarks.
		h. m. s.	s.	μ	μ	km.	
July 4	...	9 0 to 9 15	...	...	...	...	Small waves.
4	e	9 31 14	...	...	...	...	
	e	9 40	...	...	...	...	
	e	9 49	...	...	...	...	
	L	10 5	...	...	...	...	
	F	12	...	...	...	...	
4	e	22 42 4	...	...	...	...	
	e	22 45 20	...	...	...	...	
	L	23 6	...	...	...	...	
	F	24	...	...	...	...	
5	e	7 11 19	...	...	...	?5660	
	e (?S)	7 18 37	...	...	...	...	
	L	7 24	...	...	...	...	
6	...	11 to 12	...	...	...	...	Traces of waves.
6	P	12 21 6	...	...	...	2600	Initial impulses small; azimuth 125° or 305°.
	S	12 25 19	...	...	...	...	
	L	12 28	...	...	...	...	
	F	13	...	...	...	...	
6	L	17 29	...	...	...	...	
	F	18	...	...	...	...	
7	eP	14 24 52	...	...	...	8980	
	S	14 35 1	...	...	...	...	
	SR	14 46	...	...	...	...	
	L	14 51	...	...	...	...	
	M_E	15 0	18	...	9	...	
	F	?	...	...	...	...	
7	L	15 31	...	...	...	...	
	M_E	15 37	20	...	7	...	
7	?S	18 1 30	...	...	...	...	Very regular sinusoidal waves on E 18h. 14m.—21m.
	L	18 10	...	...	...	...	
	M_E	18 16	20	...	13	...	
	M_N	18 18	17	6	...	...	
	M_E	18 19	17	...	12	...	
	F	20	...	...	...	...	
8	...	2 to 3	...	...	...	...	Small waves
8	...	5 45 to 6 15	...	...	...	...	Small waves.
8	...	15 to 16	...	...	...	...	Small waves.
8	...	19 to 19 35	...	...	...	...	Small waves.
11	e	2 12·5	...	...	...	...	
	L	2 22	...	...	...	...	
	F	3	...	...	...	...	
17	L	18 3	...	...	...	...	
	F	18 30	...	...	...	...	
17	e	21 28 8	...	...	...	...	
	?eS	21 37 58	...	...	...	...	
	L	22 4	...	...	...	...	
	F	?	...	...	...	...	
17	e (?S)	23 4 33	...	...	...	...	
	L	23 22	...	...	...	...	
	F	24	...	...	...	...	
19	L	21 15	...	...	...	...	
	F	21 35	...	...	...	...	
19	...	23 26 to 23 34	...	...	...	...	Traces of waves.
21	L	14 8	...	...	...	...	
	F	14 30	...	...	...	...	
26	?e	3 6	...	...	...	...	
	L	3 15	...	...	...	...	
	F	3 30	...	...	...	...	

Date.	Phase.	Time. G.M.T.	Period	Amplitudes. A_N	Amplitudes. A_E	△	Remarks.
		h. m. s.	s.	μ	μ	km.	
July 28	e	5 7	...	...	...	...	
	L	5 32	...	...	...	...	
	F	6 15	...	...	...	...	
29	?e	5 22	...	...	...	...	
	e	5 42	...	...	...	...	
	L	6 23	...	...	...	...	
	F	7 30	...	...	...	...	
30	e	18 58 49	...	...	...	...	
	e	19 2	...	...	...	...	
	F	19 30	...	...	...	...	
31	i	9 8 5	...	...	...	...	
	i	9 11 32	...	...	...	...	
	F	10	...	...	...	...	
Aug. 4	e	0 29 45	...	...	...	...	
	L	0 35	...	...	...	...	
	F	0 45	...	...	...	...	
5	e	5 12 18	...	...	...	...	
	L	5 17	...	...	...	...	
	F	5 35	...	...	...	...	
5	e	20 28 36	...	...	...	...	
	L	20 40	...	...	...	...	
	F	21 5	...	...	...	...	
7	e (P)	6 52 38	...	...	...	3110	
	eS	6 57 29	...	...	...	or 3320	
	i	6 57 44	...	...	...	...	
	L	7 1	...	...	...	...	
	M_N	7 2 42	20	13	...	...	
	M_E	7 2 43	20	...	10	...	
	F	7 40	...	...	...	...	
7	e_E	7 59 59	...	...	...	...	
	S	8 9 51	...	...	...	...	
	L	8 24	...	...	...	...	
	F	9 30	...	...	...	...	
7	e_E	17 29 23	...	...	...	...	
	L	17 33	...	...	...	...	
	F	17 50	...	...	...	...	
8	...	3 18 to 3 35	...	...	...	...	Small waves.
11	L	17 34	...	...	...	...	
	F	17 50	...	...	...	...	
11	e	20 10	...	...	...	...	
	L	20 32	...	...	...	...	
	F	21 30	...	...	...	...	
12	?e	7 7 5	...	...	...	...	
	S	7 13 41	...	...	...	...	
	L	7 18	...	...	...	...	
	M_E	7 21	20	...	13	...	
	F	8	...	...	...	...	
14	L	2 31	...	...	...	...	
	F	2 35	...	...	...	...	
14	e	4 34	...	...	...	...	
	e	4 40	...	...	...	...	
	e	4 44	...	...	...	...	
	e	4 54	...	...	...	...	
	L	?	...	...	...	...	
	M_N	5 44	22	9	...	...	
	F	7	...	...	...	...	
16	e	2 45 41	...	...	...	...	
	L	3 5	...	...	...	...	
	F	3 50	...	...	...	...	
16	e	21 10 11	...	...	...	...	
	L	21 15	...	...	...	...	
	F	21 35	...	...	...	...	
19	iP_N	12 18 35	...	...	...	7790	
	iS	12 27 44	...	...	...	...	

SEISMOLOGICAL DIARY :—*continued.* *Instruments.*—Two horizontal Galitzin Seismographs with galvanometric registration.
Lat. 55° 19′ N. Long. 3° 12′ W. Height above M.S.L. 242 metres.

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Date.	Phase.	Time. G.M.T.	Period	Amplitudes. A_N.	Amplitudes. A_E.	△	Remarks.
		h. m. s.	s.	μ	μ	km.	
Aug. 19	SR	12 32·5	...	...	...	...	
	L	12 41	...	...	...	...	
	M_N	12 44 43	24	54	...	...	
	M_E	12 53 17	18	...	35	...	
	M_N	12 57 26	17	39	...	...	
	M_N	12 8 35	18	46	...	...	
	L	14 28	...	...	...	...	
	F	16 30	...	...	...	...	
20	e	23 8 2	...	...	...	...	
	e	23 14 18	...	...	...	...	
	e	23 22 20	...	...	...	...	
	L	23 29	...	...	...	...	
	F	24 30	...	...	...	...	
26	...	16 44 to 17 0	...	...	...	...	Traces of waves.
29	L	23 13	...	...	...	...	Confused by microseisms.
	F	23 50	...	...	...	...	
31	L	4 18·5	...	...	...	...	
	F	4 30	...	...	...	...	
31	?L	10 5	...	...	...	...	
	F	10 12	...	...	...	...	
31	L	10 30	...	...	...	...	
	M_N	10 34 / 35	25	16	...	...	
	M_E	10 34 / 35	25	...	11	...	
	F	11	...	...	...	...	
Sept. 1	L	8 30	...	...	...	...	Confused by microseisms.
	F	9	...	...	...	...	
5	...	7 52 to 8	...	...	...	...	Slight disturbance.
5	e (?S)	16 51	...	...	...	...	
	L	17 1	...	...	...	...	
	F	18 30	...	...	...	...	
10	...	14 to 14 30	...	...	...	...	Waves.
11	L	4 49	...	...	...	...	
	F	5 15	...	...	...	...	
11	L	6 0	...	...	...	...	
	F	6 30	...	...	...	...	
12	?e	1 6 28	...	...	...	...	
	e	1 11	...	...	...	...	
	L	1 19	...	...	...	...	
	F	2	...	...	...	...	
15	L	5 30	...	...	...	...	
	F	5 50	...	...	...	...	
22	...	7 6 to 7 15	...	...	...	...	Very slight disturbance.
24	e	4 55	...	...	...	...	Confused by microseisms.
	L	5 5	...	...	...	...	
	F	5 40	...	...	...	...	
24	...	13 43 to 13 50	...	...	...	...	Traces of waves.
24	...	23 54 to 24 15	...	...	...	...	Traces of waves.
25	...	9 to 10 30	...	...	...	...	Waves.
25	...	20 30 to 21	...	...	...	...	Traces of waves.
26	...	18 40 to 19	...	...	...	...	Waves.
29	?e	17 43	...	...	...	...	
	e	17 45 9	...	...	...	...	
Sept. 29	S	17 51 36	...	...	...	...	
	L	18 0	...	...	...	...	
	M_E	18 4 / 5	20	...	6	...	
	F	19 30	...	...	...	...	
30	L	3 7	...	...	...	...	
	F	3 30	...	...	...	...	
Oct. 5	e	4 21	...	...	...	...	
	S	4 30 9	...	...	...	...	
	SR	4 35	...	...	...	...	
	?L	4 39	...	...	...	...	
	F	7	...	...	...	...	
6	?e	4 8·5	...	...	...	...	
	e	4 15	...	...	...	...	
	L	4 23	...	...	...	...	
	F	4 30	...	...	...	...	

Records discontinued.

Derived from readings, for the period of thirty minutes centering at the exact hour, Greenwich Mean Time.

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Day.	January.								February.								March.							
	0 h.		6 h.		12 h.		18 h.		0 h.		6 h.		12 h.		18 h.		0 h.		6 h.		12 h.		18 h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.
1	5·4	7·5	5·6	7	3·1	8·5	4·2	6	2·2	7	2·4	6	2·3	6·5	2·4	7	1·0	5·5	0·9	5	0·9	5	0·7	5
2	3·2	7	...	...	4·1	6	3·3	6·5	1·5	7	2·1	7	1·8	6	1·6	6	0·8	4·5	0·5	4	0·3	4·5	0·3	4
3	3·3	6	3·4	7	3·1	6	2·6	5·5	2·0	7	2·7	6	3·1	7	...	...	0·5	5	0·2	5	0·1	4	0·2	4
4	2·7	6	3·0	5·5	2·7	5·5	...	...	4·3	7	3·3	7·5	2·9	8	3·5	7	0·2	4	0·2	4	0·4	4·5	0·7	5
5	1·8	5	1·8	5	1·7	5·5	...	...	3·1	7·5	5·0	7	4·2	7	3·6	7	0·5	5	0·8	4·5	0·8	5·5	...	...
6	1·7	5·5	...	...	1·7	5·5	2·4	5·5	4·2	7	3·8	6·5	3·9	7	3·5	7	1·6	6	2·3	6	2·0	6	1·2	6
7	1·9	5	2·3	6	2·7	6	...	...	3·9	6	1·7	6	2·4	6	2·5	6	1·5	6	1·0	5·5	1·5	6	2·1	5
8	2·4	6	2·0	7	1·6	6	2·0	5	3·9	6	3·1	6	3·1	6	3·0	6 5	1·9	5·5	2·7	6	1·8	5	1·7	5·5
9	1·9	5	2·1	4	1·5	4	...	...	3·9	8	4·9	9	5·0	7·5	4·9	7	1·5	6	1·5	6	1·5	6	1·5	6
10	1·0	5	1·2	6·5	1·6	6	1·9	6	4·1	6·5	2·9	7	4·6	6	4·8	6	1·3	6	0·9	6	0·8	5·5	0·8	5·5
11	1·9	8	2·2	6·5	2·8	7	2·1	7	4·5	6	3·9	6	3·0	6·5	2·8	6	0·9	4·5	...	...	0·6	4·5	0·3	4·5
12	2·5	7	1·5	7	1·6	6	1·7	6	3·1	6	3·1	6	2·2	6·5	2·4	6	0·4	5	0·3	5	0·5	4·5	0·4	5
13	1·5	6·5	1·7	6	1·7	5·5	2·5	6	2·3	5·5	1·6	5·5	1·6	6	1·7	5	0·4	5	0·6	5·5	0·5	6	...	...
14	3·1	6	3·1	6	7·2	6	6·2	6	1·8	5	2·2	5·5	2·7	5	2·3	6	0·8	6	...	...	0·8	6	...	...
15	5·9	6	...	...	5·2	7	3·5	7	2·3	5·5	2·7	5·5	2·4	5·5	1·7	5·5	0·8	6	...	...	0·6	5	0·5	6
16	4·1	6	3·9	6	3·5	6	3·5	7	1·8	5	1·1	6	0·9	5	1·0	5	0·7	5·5	...	...	0·9	5	0·8	5
17	4·4	6·5	1·5	6·5	3·0	6·5	3·1	6	1·4	5	1·7	5	1·6	5	1·1	5	0·8	5	0·8	5	0·8	5	0·6	5
18	2·2	6·5	2·2	7·5	2·9	7	2·1	7·5	1·5	5	1·6	5·5	1·0	5·5	1·0	5	0·7	6	0·7	5·5	0·8	6	0·8	6
19	2·4	6	2·1	6	1·5	6·5	1·6	6	1·0	5	0·9	5	0·9	5	0·9	4·5	0·7	5·5	...	...	...	...	...	...
20	1·6	6	1·6	6	...	...	...	...	0·9	6	0·8	6	0·8	5·5	0·8	5·5	...	...	...	...	0·8	5·5	0·7	5·5
21	...	...	...	...	2·2	6·5	2·2	6·5	0·8	6	1·2	10	2·4	7·5	2·5	8	0·8	5	...	...	0·7	4·5	0·7	5·5
22	3·1	7	2·6	6·5	2·4	6·5	2·4	5·5	1·9	8	2·1	8	1·4	7	...	...	0·6	4·5	...	...	0·4	4·5	...	...
23	1·6	6	2·2	6	1·6	6	...	...	2·0	8·5	2·3	8	3·4	7·5	4·2	8	0·5	5	0·5	5	...	...	...	...
24	0·8	6	0·9	5	0·7	5·5	0·8	5·5	3·3	8	3·1	8	3·2	8	4·2	7	1·2	6	0·9	6	1·0	5·5	1·8	5
25	0·9	5	0·9	5	0·8	6	0·8	5	3·3	7·5	3·6	8	3·1	8·5	...	...	1·5	6	1·1	6	1 1	5	0·9	5
26	0·9	5	0·9	5	1·0	4·5	0·9	6	2·4	6·5	...	...	2·3	8	2·5	8	0·8	5	0·8	5	0·6	5	...	...
27	0·9	6	0·8	6·5	1·2	5·5	...	...	2·5	8	2·3	6	3·1	6·5	3·1	6	0·3	4·5	0·3	4	0·5	5	0·5	5
28	0·9	6	...	...	0·9	6	1·0	6	2·3	6	1·6	6	1·8	5	0·9	6	0·9	6	0·9	6·5	1·6	6	1·6	6
29	1·1	6	1·8	6	2·7	6	4·0	6·5									1·6	6·5	1·3	6·5	1·7	6	...	...
30	4·2	7	4·5	7	3·6	7	3·5	6									1·6	6	...	...	...	...	2·2	6
31	3·7	6·5	3·0	6·5	2·8	5·5	2·7	6									2·3	6	...	...	1·7	6	...	...
Mean ...	A = 2·4μ ; T = 6·1 s.								A = 2·5μ ; T = 6·4 s.								A = 0·9μ ; T = 5·3 s.							
Normal, 1911–24.	A = 2·5μ ; T = 6·1 s.								A = 2·3μ ; T = 6·0 s.								A = 1·8μ ; T = 5·7 s.							

Day.	April.								May.								June.							
	0 h.		6 h.		12 h.		18 h.		0 h.		6 h.		12 h.		18 h.		0 h.		6 h.		12 h.		18 h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.
1	1·5	5·5	...	...	...	...	...	...	0·2	4·5	...	...	0·1	3	...	...	0·8	5·5	...	...	0·9	5	0·9	5
2	1·7	5·5	...	...	1·7	5·5	2·4	5·5	0·1	4	...	...	0·1	4	0·1	4	0·8	5·5	...	...	0·8	5	0·9	4
3	2·3	6	...	...	...	...	...	...	0·1	4	...	...	0·2	4	...	...	0·4	4·5	...	...	0·5	4·5	0·9	4
4	...	...	...	...	5·5	5·5	4·9	6	...	...	...	...	0·6	4	0·4	4·5	0·6	4·5	...	...	0·9	4·5	0·9	5
5	6·6	6	3·3	6	2·0	5	1·8	5	0·6	4	...	...	...	...	0·9	4	1·0	4·5	...	...	...	...	...	...
6	1·6	5·5	1·7	5·5	0·9	5·5	...	...	...	...	...	...	0·5	4	0·9	4	...	...	...	...	0·9	5	0·8	5·5
7	1·0	5	...	...	0·9	5	...	...	0·6	4	...	...	0·2	4	0·2	4	0·9	5	...	...	0·9	5	...	...
8	0·8	4·5	...	...	0·4	4·5	0·6	5	0·3	4	...	...	...	...	...	...	0·8	6	...	...	0·8	6	0·7	6
9	0·7	5·5	...	...	0·8	6	0·8	6	0·2	4	...	...	0·3	4	0·2	4·5	0·7	4·5	...	...	0·5	4·5	0·6	4·5
10	0·9	6	...	...	0·9	6	1·0	7	0·1	4	...	...	0·1	4	0·1	3·5	...	...	...	...	0·8	4·5	...	...
11	0·8	6	...	...	...	...	0·7	5·5	0·1	3·5	...	...	0·3	4	0·3	4	0·9	4·5	...	...	...	...	...	...
12	0·7	5·5	...	...	0·8	6	...	...	0·3	5	...	...	1·0	5	0·9	5·5	...	...	...	...	...	...	...	...
13	1·1	5·5	...	...	...	...	...	...	0·9	4·5	...	...	0·8	4·5	0·3	4·5	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	0·2	5	...	...	0·1	4	0·1	4·5	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	3·9	6	0·1	4	...	...	0·1	4·5	0·1	4·5	...	...	...	...	...	...	...	...
16	2·6	6·5	...	...	2·2	7	1·4	6	0·5	5	...	...	0·8	4·5	...	...	...	...	...	...	...	...	...	...
17	1·6	6	...	...	0·8	6	0·8	5·5	0·8	4·5	...	...	0·6	5·5	0·7	5·5	...	...	...	...	...	...	...	...
18	0·6	5·5	...	...	0·7	4	0·9	4	0·8	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	0·6	4·5	...	...	0·6	4·5	0·4	4·5	0·2	4	...	...	0·1	4·5	...	...	0·1	4·5	...	...	0·1	4	...	...
20	0·6	5	...	...	0·3	4·5	0·6	4·5	0·1	4	...	...	...	...	0·1	4·5	...	...	...	...	0·2	4·5	0·5	4
21	0·8	5·5	...	...	...	...	1·2	6	...	...	0·1	4	0·1	4	0·1	4	0·5	5	0·6	4	0·5	5	0·5	4
22	1·7	5·5	...	...	2·9	7·5	2·1	7	0·3	4·5	0·4	5	0·3	4	0·2	4·5	0·3	4	0·2	4	0·2	4	0·2	4
23	2·0	7	...	...	...	...	1·7	6·5	0·2	4	0·3	4·5	0·5	4·5	...	...	0·2	4	0·2	4	0·2	4	0·3	3·5
24	1·6	6	...	...	1·5	6·5	1·6	6	0·8	4·5	0·9	4·5	0·9	4·5	...	...	0·2	4	0·2	4	0·1	4	0·2	4
25	1·6	5·5	...	...	0·9	5·5	0·9	5	0·6	4	...	...	...	...	0·6	4	0·1	3·5	0·1	3·5	0·1	3·5	0·1	3·5
26	0·8	5	...	...	0·7	5	0·7	5	0·6	4	...	...	0·6	4·5	...	...	0·1	3·5	0 1	4	0·1	4	0·2	4
27	0·8	4·5	...	...	0·4	4·5	0·3	4·5	0·8	4·5	...	...	1·1	4	...	...	0·2	4	0·3	4	0·3	4·5	0·2	4
28	0·2	6	...	...	0·8	4·5	...	...	1·0	4·5	...	...	1·0	4·5	...	...	0·2	4	0·2	4	...	...	0·2	4
29	0·8	5·5	...	...	0·7	5	0·5	5	1·6	5	...	...	0·9	4·5	0·9	4·5	0·2	4	0·2	4	0·4	4	...	...
30	0·6	4·5	0·5	5	0·3	4·5	0·3	4·5	1·0	4·5	...	...	1·1	4	1·5	6	0·9	4·5	0·6	4·5	0·9	4·5	0·8	4·5
31									1·5	5	...	...	1·4	6	...	...								
Mean ...	A = 1·4μ ; T = 5·5 s.								A = 0·5μ ; T = 4·4 s.								A = 0·5μ ; T = 4·3 s.							
Normal, 1911–24.	A = 1·2μ ; T = 5·3 s.								A = 0·7μ ; T = 4·7 s.								A = 0·5μ ; T = 4·6 s.							

NOTE :—The symbol ... indicates that microseisms were not measured, either by reason of occurrence of earthquake or lack of record.

Derived from readings, for the period of thirty minutes centering at the exact hour, Greenwich Mean Time,

289. Eskdalemuir. **1925.**

July.

Day.	0 h. A.	0 h. T.	6 h. A.	6 h. T.	12 h. A.	12 h. T.	18 h. A.	18 h. T.
	μ	s.	μ	s.	μ	s.	μ	s.
1	...	...	...	...	0·2	4·5	0·3	4·5
2	0·2	4·5	0·2	4·5	0·1	4	...	...
3	0·1	3·5	0·1	4	0·1	4	...	...
4	0·1	3·5	0·1	4	0·1	3·5	0·1	4
5	0·0	—	0·0	—	0·0	—	0·0	—
6	0·0	—	0·1	3·5	0·1	4	0·1	4
7	0·1	4·5	0·1	4	...	...	...	...
8	0·5	4	0·3	4	0·5	4	0·5	4·5
9	0·3	4	0·3	4	0·2	4	0·2	4
10	0·2	4	0·3	3·5	0·3	4	0·3	3·5
11	0·2	4	0·6	4	0·3	4·5	0·5	4
12	0·3	4	...	...	0·7	4·5	...	...
13	0·9	5	0·9	5	0·8	5·5	0·7	5·5
14	0·7	5	0·4	4·5	...	...	0·6	5
15	0·4	4·5	0·4	4·5	0·5	5	0·4	4·5
16	0·2	4·5	...	...	0·2	4·5	0·3	4
17	0·2	4	...	...	0·2	4	0·6	4
18	0·6	4	0·9	5	0·9	5	0·9	5·5
19	1·1	4·5	0·8	4·5	0·4	5·5	0·6	5
20	0·5	5	0·3	5	0·2	4	0·2	4
21	0·1	4·5	0·1	4·5	0·1	4	0·2	4·5
22	0·1	4	0·1	4	0·1	3·5	0·1	4
23	0·1	3·5	0·1	3·5	0·1	3·5	0·1	4
24	0·3	4·5	0·5	4	0·3	4·5	0·2	4·5
25	0·2	4·5	0·1	4	0·1	4·5	0·1	4
26	0·1	4	0·2	4	0·5	4	0·7	4
27	0·8	4·5	0·9	4·5	1·1	4·5	0·9	4
28	0·8	4	0·9	4	0·6	4	0·6	4
29	0·5	4	0·3	4	0·2	4	0·2	4
30	0·2	4	0·2	4	0·2	4	0·5	4
31	0·5	4·5	0·6	4	0·6	4	0·7	4
Mean ...	A = 0·4μ; T = 4·3 s.							
Normal, 1911–24.	A = 0·3μ; T = 4·3 s.							

August.

Day.	0 h. A.	0 h. T.	6 h. A.	6 h. T.	12 h. A.	12 h. T.	18 h. A.	18 h. T.
	μ	s.	μ	s.	μ	s.	μ	s.
1	0·9	4	0·6	4·5	0·9	4·5	0·6	4·5
2	0·5	4·5	0·5	4·5	0·6	4	0·8	4
3	0·5	4·5	0·7	4·5	0·8	4·5	0·8	4·5
4	0·7	4	1·0	4	0·9	5	0·9	5
5	1·0	4·5	0·6	5	0·9	4·5	0·8	4·5
6	0·5	4·5	0·6	4·5	0·5	5	0·5	4·5
7	0·4	4·5	0·5	4	0·5	4	0·3	4
8	0·2	4	0·2	4	0·1	4	0·1	3·5
9	0·2	4	0·1	4	0·5	4·5	0·6	4
10	0·4	3·5	0·3	3·5	0·2	4	0·2	4
11	0·2	4	0·2	4	0·1	4	0·1	3
12	0·1	3·5	0·5	4	0·7	4	0·6	4
13	0·8	4	0·6	4	0·8	4	0·6	4
14	0·3	4	...	...	...	...	...	...
15	0·3	4·5	0·1	4	0·1	4	0·1	4·5
16	0·2	4·5	0·3	4·5	0·3	4	0·2	4
17	0·3	4·5	0·3	4	0·1	4	0·2	4
18	0·2	4	0·1	4	0·1	4	0·1	4
19	0·1	4	...	...	0·2	4	0·2	4
20	0·1	4	0·2	4	0·2	4	...	...
21	0·3	4·5	0·4	4·5	0·7	5	0·7	5
22	0·7	5·5	0·6	5	0·7	5	0·8	4
23	0·5	4	...	...	0·2	4·5	0·2	4
24	0·3	3·5	0·3	4	...	...	0·4	4·5
25	0·5	4	0·5	4	...	...	...	...
26	0·2	4	0·2	4	0·2	4	0·3	4
27	0·2	4	0·6	4	0·6	5	0·6	5
28	0·5	5	0·5	5	0·5	4·5	0·6	5
29	0·8	5	1·2	6·5	2·1	7	2·2	6·5
30	2·3	6	1·3	6	1·2	6	0·8	5
31	0·8	6	0·9	5	0·7	5·5	1·5	6
Mean ...	A = 0·5μ; T = 4·4 s.							
Normal, 1911–24.	A = 0·5μ; T = 4·5 s.							

September.

Day.	0 h. A.	0 h. T.	6 h. A.	6 h. T.	12 h. A.	12 h. T.	18 h. A.	18 h. T.
	μ	s.	μ	s.	μ	s.	μ	s.
1	2·3	6	2·2	6·5	2·0	6	1·9	5·5
2	1·6	6	1·7	5·5	1·6	5·5	0·9	5·5
3	0·9	5	1·1	4·5	1·1	4·5	1·0	4·5
4	1·4	5·5	1·6	5·5	1·4	6	1·6	6
5	2·1	6·5	1·6	6	1·0	5·5	1·2	6
6	0·8	6	0·8	6	0·8	5	0·5	5
7	0·7	5	0·6	4·5	0·5	4·5	0·5	4·5
8	0·5	4	0·3	3·5	0·3	3·5	0·2	4
9	0·1	3	0·3	3·5	0·5	4	0·5	4
10	0·6	4	0·4	4·5	0·7	4·5	0·5	4
11	0·5	3·5	0·6	4	0·4	3·5	0·3	3·5
12	0·1	3·5	0·1	3	0·1	4	0·1	3·5
13	0·1	3·5	0·1	4	0·1	3·5	0·2	4
14	0·3	4	0·6	4	0·4	4·5	0·4	4·5
15	0·6	4	0·6	4·5	0·8	4·5	1·0	4 5
16	1·5	4·5	1·2	4	1·0	4·5	0·9	5
17	0·9	4·5	0·9	4·5	0·9	5	0·9	5
18	0·7	6	0·6	5	0·7	6	0·8	4·5
19	0·6	5·5	0·4	4·5	0·6	5	0·7	5·5
20	0·6	4·5	2·1	4	2·4	4	1·2	4·5
21	1·1	4	1·0	4	0·9	4·5	0·9	4
22	0·8	4	0·9	4	...	...	1·1	4·5
23	1·0	5	2·1	3	1·9	4·5	2·0	4
24	1·1	4·5	1·6	5·5	1·1	5	0·9	5
25	0·7	5·5	0·5	4·5	0·7	4	0·8	4
26	0·7	4	0·9	4	0·8	5	0·9	4·5
27	0·8	5	1·0	4·5	0·7	4	0·6	4·5
28	0·5	4·5	0·5	4·5	0·7	5·5	0·5	5
29	0·6	5	0·7	5·5	0·7	5·5	0·7	5·5
30	0·8	5·5	0·8	5·5	0·8	5·5	0·9	5
31								
Mean ...	A = 0·9μ; T = 4·7 s.							
Normal, 1911–24.	A = 0·9μ; T = 5·0 s.							

October.

Day.	0 h. A.	0 h. T.	6 h. A.	6 h. T.	12 h. A.	12 h. T.	18 h. A.	18 h. T.
	μ	s.	μ	s.	μ	s.	μ	s.
1	1·1	5·5	1·5	6	...	...	1·6	7
2	2·3	6	1·5	6·5	1·3	7	0·9	5·5
3	1·1	5·5	0·8	5	0·7	4·5	0·7	5
4	0·6	5	0·7	5·5	0·5	5	0·6	4·5
5	0·5	5	0·5	5	0·6	4·5	0·4	4·5
6	0·3	5·5	0·5	4·5	...	...	...	...
7	0·8	5	0·9	5	...	...	...	...
8–31								
Mean ...	...	...	...	...	...	...	...	...
Normal, 11–24.*	A = 1·2μ; T = 5·2 s.							

Records discontinued.

November.

Day.	0 h. A.	0 h. T.	6 h. A.	6 h. T.	12 h. A.	12 h. T.	18 h. A.	18 h. T.
	μ	s.	μ	s.	μ	s.	μ	s.
Mean ...								
Normal, 11–24.*	A = 1·8μ; T = 5·6 s.							

December.

Day.	0 h. A.	0 h. T.	6 h. A.	6 h. T.	12 h. A.	12 h. T.	18 h. A.	18 h. T.
	μ	s.	μ	s.	μ	s.	μ	s.
Mean ...								
Normal, 11–24.*	A = 2·3μ; T = 5·9 s.							

* 13 years only. No records Oct.-Dec., 1920, when recording mechanism was under repair.

NOTE:—The symbol ... indicates that microseisms were not measured, either by reason of occurrence of earthquake or lack of record.

FOR OFFICIAL USE

M.O. 299
(Cahirciveen)

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1925

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valentia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

CAHIRCIVEEN (VALENTIA OBSERVATORY)

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1927

CAHIRCIVEEN (VALENTIA OBSERVATORY).

Latitude	51° 56′ N.
Longitude	10° 15′ W.
G.M.T. of Local Mean Noon	12h 41m.

Heights in metres above Sea Level.

Barometer	13·7
Rain-gauge	9·1
Robinson Cup Anemograph	26
Dines Tube Anemograph	30

Heights in metres above Ground.

Thermometer Bulbs	1·3
Sunshine Recorder	12·8
Robinson Cup Anemograph	14
Dines Tube Anemograph	13

INTRODUCTION.

SITE.

Valentia Observatory derives its name from the fact that it was originally established on Valentia Island in 1867. It was removed to the mainland in March, 1892, and now lies in a direct line between the old site on Valentia Island and the town of Cahirciveen, about $2\frac{1}{2}$ miles (4 km.) north-east from the former, and three-quarters of a mile (1 km.) south-west of the latter. It is quite remote from any other buildings. The general character of the country surrounding the Observatory is hilly. The eastern bank of the Cahir river is about 150 metres to the westward, and in that direction there is no very high ground between the Observatory and the open sea, some $3\frac{1}{2}$ miles (6 km.) away. To the north-west, however, are hills varying in height from 400 (120 m.) to 900 feet (275 m.), the highest being less than 3 miles (5 km.) distant. These are only separated by a narrow gully running in a N N W direction from other hills equally high, which stretch away to the northward: the nearest of these is but little more than a mile ($1\frac{1}{2}$ km.) from the Observatory. Beyond the town of Cahirciveen to the north-east the river opens out considerably, and the country in this direction becomes an open boggy basin, rising by only a gentle gradient. Southward of this, however, it soon rises again, and at about a mile south-east of the Observatory it culminates in a hill upwards of 1,245 feet (380 m.) in height. Still further south it opens out once more to a distance of nearly 5 miles (8 km.) from the Observatory, where there is a range of hills running east and west, and varying in height from 400 (120 m.) to 1,300 feet (400 m.). To the south-west there is an opening to the sea, between Valentia Island and the mainland; and the circle of hills is completed by those on the island itself, the highest of which is about 800 feet (240 m.) high, and bears about west-south-west from the Observatory. Photographs of the Observatory building, together with a site plan, showing the disposition of the various instruments were reproduced in the Introduction to the 1923 volume.

METEOROLOGY.

The elements dealt with in the following tables are : atmospheric pressure, air temperature, humidity, rainfall, sunshine, wind speed and direction, minimum temperature on the grass, together with a diary of cloud and weather.

Pressure and Temperature.—The photographic barograph and thermograph are installed in a room on the ground floor of the Observatory tower. The standard Fortin barometer, from which the control readings at 9h, 15h and 21h are taken, is mounted in the same room beside a window which faces the north-east. The stems of the dry and wet bulb thermometers pass out into the screen placed against the north wall of the tower. Close to the bulbs of these thermometers are the bulbs of the standard thermometers from which the control readings at 9h, 15h and 21h are taken.

Rainfall.—The Beckley raingauge and the 8-inch (20·3 cm.) check gauge are placed in a railed-off enclosure about 40 metres to the north of the tower.

Sunshine.—The recorder is cemented to a wooden rail on the roof of the tower. The exposure is satisfactory.

Wind, Speed and Direction.—The Robinson Cup Anemograph is placed on the roof of the Observatory tower. The exposure is satisfactory except for winds between south and south-west. Winds from these directions are liable to be deviated and reduced in speed because of the sheltering action of the roof and chimney. The Dines Tube Anemograph stands in an open field, about 250 metres S E by E of the Observatory tower. The field falls to the north towards the river Cahir. About 1 mile ($1\frac{1}{2}$ km.) to the south-east and in an approximately direct line with the highest point (1,245 feet) is the hill Bentee which extends for some little distance in a northerly and south-westerly direction. A description of the surrounding country has already been given.

Minimum Temperature on the Grass.—The grass minimum thermometer is of the type described on p. 12. It is exposed over short grass in the field enclosure. It is set at 18h and read at 7h on the succeeding day, the observation being entered to the day of reading.

Notes on the Meteorological Summaries.

Pressure.—The mean pressure for the year was only 0·1 millibar below normal. Of the monthly mean pressures five were higher and seven were lower than normal. The departures were in some cases considerable ; March, for example, having an excess of about 14 millibars and June about 7 millibars, while February showed a deficiency of about 10 millibars.

The highest pressure of the year, 1,038·6 millibars, was recorded on the 4th March and the lowest, 957·2 millibars, on the 26th February, giving a total range for the year of 81 millibars. January, February, October, November and December all had ranges of more than 50 millibars. The smallest range for any month was 15·2 millibars, recorded in June.

The diurnal inequality of pressure for the year as a whole shows the usual well marked double oscillation with maxima at 11h and 22h of which the second is the principal one ; and minima at 5h and 16h, the principal of these two being the morning one. In the inequalities for the individual months it is found that the double oscillation is much more prominent in some months than in others. The greatest constancy is seen in the morning minimum which is the principal one for nine months of the twelve and occurs always at 4h, 5h or 6h, excepting in December, when it occurs at 7h. The afternoon minima in the winter and equinoctial months occur always at 15h, 16h or 17h; in the summer months the time is 17h or 18h. For eight months the morning maximum appears either at 11h or 12h, and in three of the summer months it occurs at 9h; while in August it is as late as 14h. The night maximum in nine months out of the twelve occurs at 21h or 22h; in January and March it appears at 23h and in November at midnight.

The range of the mean inequality for the year is ·75 mb. while for the months considered individually it varies from ·63 mb. for July to 1·58 mb. for December. These ranges represent only the regular periodic changes in pressure and are small compared with the ranges obtained from the mean values of the daily maximum and minimum pressures found in Table 299, which vary from 2·87 mb. for June to 11·54 mb. for January.

Comparison of diurnal inequalities may be made by means of analysis into harmonic components. The details of the Fourier analysis of the diurnal inequalities for the year 1924 are given in Table A. The figures in the line immediately following the monthly values are the arithmetic means for the year of the monthly amplitudes. On account of the very large changes in phase throughout the year in some of the terms the amplitudes obtained from the annual inequality are not adequate as measures of the effectiveness of such terms relative to others whose phase angles show less variation from month to month. In these cases comparison of the arithmetic means of the monthly amplitudes is more satisfactory.

The most important terms are the 24-hour and 12-hour terms. For the year considered as a whole the amplitude of the 24-hour term is slightly higher than for the period 1871–1882 whereas the arithmetic mean for the twelve months is markedly lower than for the same period which points apparently to a smaller variation than usual in the 24-hour term phase angles throughout the year. The seasonal amplitudes show a considerable variation, the winter one being the highest and that for summer the lowest. The 24 hour term always shows wide and somewhat irregular variations from month to month both in phase and amplitude.

The 12-hour term is more nearly constant during the year, both in amplitude and phase. For 1924 the amplitudes are higher than average. The highest phase angle appears in winter and the lowest in summer. The high winter phase angle appears to be the normal state of affairs at Valentia which differs in this respect from most British stations.

In the mean inequality for the year the 8-hour term appears almost negligible when its amplitude is compared with those of the two terms already considered, but that this is due mainly to the very wide variations in phase of this term during the year is seen quite clearly by reference to the individual months. For all the winter months the 8-hour term amplitude is of the same order of magnitude as the 24-hour term amplitude. At other seasons it is relatively unimportant. The phase of this term has a fairly regular seasonal variation, hanging somewhat rapidly at the equinoxes by approximately two right angles. The effect of the phase variation at this season is seen in the very small amplitude which appears for the equinoctial mean. In the 6-hour term amplitudes are small throughout and for this reason not very much weight can be attached to the individual phase angles. Nevertheless it is possible to detect an annual variation in the latter in which the movement is generally in the opposite sense to that of the 8-hour term.

Temperature.—The mean temperature for the year 1925 was 0·31a (0·56° F.) below normal. The highest temperature of the year, 296·5a (74·3 F.), was registered on the 9th June. Very low temperatures were not common, the freezing point being passed only on seven days. The lowest temperature, 270·8a (28·0° F.), was registered on the 2nd December. The full range of temperature for the year was thus 25·7a (46·3° F.). For the individual months mean temperatures did not differ greatly from normal. November, with a deficiency of 1·88a (3·38° F.) showed the greatest departure. The monthly ranges of temperature varied from 10·2a (18·4° F.) in January to 16·8a (30·2° F.) in June.

The mean diurnal inequality for the year shows a single oscillation in the 24 hours with its maximum at 14h and its minimum at 4h and with a range of 2·63a (4·73° F.). Each of the monthly inequalities has a well marked single oscillation with its maximum at 13h, 14h or 15h, except that for June which has its maximum at 16h. The time of minimum does not show the same constancy. In January it is 21h and in succeeding months we find it varying from 2h in February and September to 7h in March and October. In the summer months it occurs at 4h or 5h, in November, December and April at 5h.

The harmonic analysis of the monthly and seasonal diurnal inequalities of temperature is given in Table B. The 24-hour term is in all cases predominant. Neither in the 24 hour term nor in the 12-hour term is there any very large variation in phase angle throughout the year, the effect of this being seen in each case in the slight differences between the mean amplitude for the year and the amplitude computed directly from the annual inequality. The highest of the seasonal amplitudes for the 24-hour term is found in summer, as is usual, but this amplitude is itself below normal, the difference between the amplitudes at equinox and summer being usually more pronounced. The phase angle is least at equinox and greatest in summer whereas winter should normally have a slightly larger phase angle than equinox and summer should have the least. In the present case the winter phase angle is rather below normal while summer and equinox have each approximately the phase angle which is normal for the other. For the 12-hour term the seasonal values follow the normal sequence in amplitude; but here again the summer value is very decidedly low. Phase angles both for equinox and summer, normally about the same, are high, the summer one in particular having a value nearly twice the normal.

The 8-hour term amplitude for the year is so small as to be negligible compared with the other terms but this is due in large measure to the variations of phase angle in this term from month to month. There is approximate opposition of phase as between winter and summer while for the equinoctial months a rapid change takes place from winter to summer values. The equinoctial amplitude thus appears much smaller than those for the individual months which make up this season. The winter and summer amplitudes are comparable in magnitude with those of the corresponding 12-hour terms, the summer 8-hour term amplitude being, in fact, greater than the 12-hour term amplitude. The seasonal changes in the 8-hour term accord fairly well with those found in a normal year.

The 6-hour term amplitude is greatest at the equinoctial seasons and smallest in summer but variable phase angle has much to do with the small winter and summer amplitudes.

Relative Humidity.—The highest mean daily value of the relative humidity was 98·1 per cent., recorded for the 29th September. The lowest value was 63·3 per cent. for the 7th June. The highest mean daily vapour pressure was 16·0 millibars for the 24th July and the 5th October and the lowest was 5·3 millibars for the 2nd December. The mean relative humidity for the year was 1·8 per cent. below normal and the mean hourly values for the year show a range of 7·5 per cent. as compared with a normal range of 8·8 per cent. Of the separate months, all except May, July, August and October had mean relative humidities less than normal, the deficiency for March being as much as 6 per cent. and for December 5 per cent. The greatest excess, on the other hand, was 2·7 per cent. for October. The diurnal inequality for the year shows a maximum in the early morning and a minimum in the afternoon; neither of these is very sharply defined as to time of occurrence. There is only one well marked oscillation in the 24 hours. The individual months show, on the whole, similar features but there is some slight indication in most cases of a secondary maximum.

Rainfall.—The total rainfall for the year was 8 per cent. lower than normal, the actual deficiency being 111 millimetres. The month with the highest rainfall was January, with 208 millimetres, or 39 per cent. more than normal. February had 52 per cent. more than normal. The lowest monthly total was that for June, the 8 millimetres which fell during that month being only 9 per cent. of the normal amount. The rainfall for March was also very low being 31 per cent. of normal. The greatest hour's rainfall was 18·5 millimetres which fell between 7h and 8h on the 22nd January.

Bright Sunshine.—The total amount of bright sunshine for the year 1925 was about 5 per cent. less than the normal. Seven months had more than average sunshine, the greatest excess being about 25 per cent., for June. The most notable deficiency was for July, the total sunshine for this month being little more than one-third the average amount. The greatest recorded sunshine for any one day was 15·6 hours, on the 7th and 22nd June. There were eight other days during June on which 12 hours bright sunshine was experienced. The day with the greatest proportion of the total possible sunshine was the 7th June with 95 per cent., the actual sunshine recorded on this day being, as noted above, 15·6 hours.

Wind Speed.—The mean monthly wind speeds were mostly higher than average in the first half of the year and below normal in the second half, the exceptions being March and June which had wind speeds below normal, and September which had a wind speed slightly above normal. Gales were experienced on three days in January, one day in February and two days in December.

The highest hourly wind speed recorded was 22 metres per second (49 miles per hour) on the 30th December, with which was associated the highest gust of the year 37 metres per second (83 miles per hour).

Grass Minimum Temperature.—The mean of the monthly means given in Table 374 is 79·0a (42·8° F.). For no single month is the mean grass minimum temperature lower than the freezing point of water. The lowest value recorded in five months out of the twelve is below the freezing point and in no month is the lowest value as much as 6 degrees absolute higher than this point.

Cloud and Weather.—The mean amount of cloud at all observation hours was 7·4. The most cloudy month was July, with a mean cloud amount of 8·6. The month with least cloud was November with a mean of 5·8. The mean values at the individual observation hours for the whole year show a steady fall in cloud amount from 7h to 18h. The number of occasions of cloudless sky during 1925 amounted to 69 in more than 2,000 observations; on only three days throughout the year was the sky without cloud at all observation hours, but there were three other days on which the only cloud observed was one-tenth at only one hour of observation.

Identification Numbers of Instruments in Use in 1925.

Standard Fortin Barometer	M.O. 463
Standard Dry Bulb Thermometer	M.O. 1701
Standard Wet Bulb Thermometer	M.O. 1702
Recording Beckley Raingauge	—
Control Raingauge	M.O. 402
Glass for Control Raingauge..	M.O. 1330
Campbell Stokes Sunshine Recorder	M.O. 5
Robinson Cup Anemograph	Beck 46
Dines Tube Anemograph	—
Grass Minimum Thermometer	M.O. 17634

TABLE A.

Diurnal Variation of Barometric Pressure, 1925. *Fourier Coefficients.*

Cahirciveen (Valentia Observatory), Longitude 10° 15′ W.

Values of c_n, α_n in the series $\Sigma c_n \sin(15nt^\circ + \alpha_n)$, t being Local Mean Time reckoning in hours from midnight.

Month or Season.	c_1	α_1	c_2	α_2	c_3	α_3	c_4	α_4
	mb.	°	mb.	°	mb.	°	mb.	°
January	·225	136	·318	145	·206	5	·062	250
February	·199	161	·329	149	·083	35	·038	20
March	·119	213	·420	148	·025	335	·044	25
April	·202	129	·337	148	·058	185	·069	345
May	·169	175	·246	150	·076	150	·059	355
June	·086	202	·266	149	·102	165	·027	320
July	·120	252	·250	149	·087	155	·030	330
August	·327	234	·253	140	·051	160	·056	330
September	·346	153	·403	153	·027	150	·029	300
October	·071	95	·307	155	·084	20	·029	340
November	·249	161	·294	145	·100	30	·031	190
December	·481	96	·404	171	·201	0	·066	205
Arithmetic Mean ...	·216	—	·319	—	·092	..	·045	..
Year	·147	157	·316	151	·029	35	·026	330
Winter	·254	128	·332	154	·145	10	·031	225
Equinox	·155	150	·366	151	·008	60	·041	350
Summer	·158	219	·253	147	·079	165	·042	340

TABLE B.

Diurnal Variation of Temperature, 1925. *Fourier Coefficients.*

Cahirciveen (Valentia Observatory), Longitude 10° 15′ W.

Values of c_n, α_n in the series $\Sigma c_n \sin(15nt^\circ + \alpha_n)$, t being Local Mean Time reckoned in hours from midnight.

Month or Season.	c_1	α_1	c_2	α_2	c_3	α_3	c_4	α_4
	a.	°	a.	°	a.	°	a.	°
January	·373	268	·297	39	·099	220	·068	95
February	·563	256	·197	50	·075	285	·080	165
March	1·366	229	·393	59	·059	315	·083	215
April	1·670	235	·388	74	·172	45	·042	225
May	1·538	245	·167	124	·208	60	·056	70
June	2·257	245	·068	161	·316	75	·071	0
July	1·461	242	·156	91	·129	75	·053	295
August	1·762	244	·218	102	·179	45	·029	210
September	1·229	250	·323	73	·043	23	·095	240
October	1·395	234	·420	68	·131	275	·048	205
November	1·143	236	·537	69	·154	235	·018	175
December	·783	227	·304	45	·189	195	·062	20
Arithmetic Mean ...	1·295	..	·289	..	·146	..	·059	..
Year	1·277	241	·254	73	·041	55	·016	230
Winter	·681	241	·323	54	·114	225	·029	110
Equinox	1·403	236	·348	75	·055	355	·065	225
Summer	1·749	244	·143	111	·203	65	·020	350

NOTE.—The seasonal means are derived from the following grouping of months :—*Winter :* January, February, November and December ; *Equinox :* March, April, September, October ; *Summer :* May to August, inclusive.

TERRESTRIAL MAGNETISM.

Notes on the Magnetic Observations for the Year 1925.

Absolute observations of declination, horizontal force and inclination were made weekly at the Valentia Observatory during the year 1925. The instruments in use were the same as in previous years, namely, the Dover unifilar, No. 139, with collimator magnet 139A and mirror magnet 139C, and the Dover dip circle, No. 118. The mean times of observation were 10·21 for the declination, 11·40 for the horizontal force and 14·31 for the inclination, all according to Greenwich Mean Time. In the individual observations the greatest departure from the mean time in any element was 3 minutes. The deflection of the mirror magnet was measured for two distances of the collimator magnet, namely, 30cm. and 40cm., and single distribution constant, P, was calculated. The complete deflection observation consisted of eight readings of the mirror magnet. The extreme variation in P found for the year 1925 is equivalent to 1γ in the value of H. The mean value of P was 7·54. The moment of the collimator magnet has decreased at the rate of about 1 unit per annum.

The values of the declination, horizontal force and inclination obtained in the absolute observations are given in detail in Table C. All the observations made are included in this table, but in Table D the mean monthly values are computed from only such of the absolute observations as were taken at times subsequently found, by reference to the quarterly list of daily " magnetic characters " published by authority of the International Meteorological Committee, to be free from serious disturbance. Observations in Table C taken at disturbed times, and not, therefore, utilised for the mean values in Table D, are marked with an asterisk. The north, west and vertical components and the total force for each month and the year are computed from the corresponding mean values of the observed elements.

Westerly declination has diminished by 12′·5 as compared with 1924. From 1923 to 1924 the decrease was 11′·6 and in the previous 12 months 10′·5. The average annual decrease for the five years 1915–1920 was 9′·2, and for the five years 1910–1915 it was 8′·2. During the five years ending in 1925 the average annual decrement is 11′·1 so that the rate of the eastward movement of the magnetic needle appears to be increasing slowly.

Northerly inclination decreased by 0′·6 from 1924 to 1925. The corresponding change for the preceding year was −0′·9, and for the year previous to that −1′·5. From 1910 to 1915 the average yearly decrease was 1′·0 and from 1915 to 1920 0′·5. For the five years 1920–1925 the average change per year is −1′·1. Inclination, therefore, continues to diminish at a slow rate.

It was remarked in these notes for the year 1922, that since the year 1920 the horizontal force had appeared to be increasing slowly whereas previously it had shown a steady decline from year to year. For the five-year period 1910–1915 the average annual decrease was about 5γ and for the period 1915–1920 about 6γ, while from 1920 to 1921 an increase of 8γ appeared, followed the next year by a further increase, but only of 1γ. The mean for 1924 showed a further increase of 2γ over that for 1923, but the mean value of H for 1925 is lower by 5γ than that for 1924, so that the slow rise in the horizontal force observed for the last four years is apparently checked.

Reference to the last column of Table D shows that the reversal of the annual change in the horizontal force from 1920 onwards was not accompanied by any such reversal in the total force. From 1910 to 1915 the average yearly change in the total force was -49γ, and from 1915 to 1920 it was -33γ. From 1920 to 1925 the mean annual change is again -32γ, so that the total force has continued to decrease at a fairly uniform rate. The individual changes from year to year as shown in the table are somewhat irregular, but this may be due in considerable measure to instrumental uncertainties. The total force is computed from the horizontal force and the inclination, using the formula $T = H \sec I$, so that an error of $0'\cdot 1$ in I would give an error of approximately 4γ in T at Valentia. In addition, it is to be remembered that the secular change data for Valentia are obtained from absolute observations made at fixed hours at any of which the value obtained for an element may differ, by an amount which is not necessarily constant, from its true mean value for the day of observation. It is by no means improbable that owing to this and errors of observation, uncertainties to the extent of several tenths of a minute of arc may be introduced into the mean value of I for the year. For the average change over a series of years these possible errors are naturally much diminished and the average fall of 33γ per annum in the total force obtained from the values in Table D is probably a close approximation to the true change. This continued decrease in the total force indicates that the rise in the value of the horizontal force observed since 1920 was not a true increase in the magnetic field but merely a component increase arising from the continued fall in the inclination, which becomes proportionally more effective in the horizontal component as the actual inclination angle itself becomes smaller. The magnetic field in the Valentia district continues to become less year by year, therefore, although without observations of inclination the opposite would have appeared to be the case in recent years.

TABLE C.

Cahirciveen (Valentia Observatory). Absolute Magnetic Observations, 1925.
Latitude 50° 56′. Longitude 10° 15′W.

Date.	Westerly Declination	Horizontal Force	Northerly Inclination
	° ′	γ	° ′
January 2 ..	18 29·0	17860	67 59·4
,, 7 ..	18 29·3	17860	67 59·6
,, 15 ..	18 29·2	17851	67 59·6
,, 21 ..	18 29·7	17853	68 0·6
,, 29 ..	18 27·4	17860	68 0·4
February 4 ..	18 26·5	17864	67 59·1
,, 11 ..	18 28·7	17853	68 0·1
,, 18 ..	18 26·9	17860	68 0·8
,, 26 ..	18 27·2	17855	68 0·3
March 5 ..	18 26·3	17841	67 59·4
,, 12 ..	18 26·1	17846	67 59·8
,, 19 ..	18 25·2	17854	68 1·9
,, 26 ..	18 23·8	17858	67 59·4
April 2 ..	18 26·6	17866	68 0·8
,, 8 ..	18 25·3	17846	68 0·4
,, 16 ..	18 26·3	17856	68 1·1
,, 23 ..	18 24·3	17835	68 1·2
May 1 ..	18 26·1	17850	68 0·1
,, 7 ..	18 24·9	17841	68 0·6
,, 14 ..	18 22·5	17843	67 59·8
,, 21 ..	18 23·3	17853	68 0·6
,, 28 ..	18 21·2*	17846*	68 0·3*
June 4 ..	18 23·1	17841	67 59·1
,, 11 ..	18 22·3	17848	67 59·1
,, 18 ..	18 21·6	17854	67 59·7
,, 25 ..	18 19·3*	17828*	67 59·8*
July 1 ..	18 20·3	17843	68 0·1
,, 8 ..	18 17·3	17843	68 0·3
,, 15 ..	18 21·9*	17821*	68 0·9*
,, 22 ..	18 24·1*	17852*	68 0·6*
,, 29 ..	18 21·9	17846	67 59·6
August 6 ..	18 18·1	17853	67 59·3
,, 19 ..	18 22·7	17860	67 59·1
,, 27 ..	18 18·4	17832	68 0·7
September 3 ..	18 21·3*	17827*	68 0·3*
,, 9 ..	18 20·2	17841	67 59·3
,, 16 ..	18 22·7*	17845*	68 1·3*
,, 23 ..	18 23·2*	17822*	68 0·7*
October 8 ..	18 18·3	17855	67 59·5
,, 15 ..	18 19·9*	17818*	68 1·3*
,, 22 ..	18 18·5*	17826*	68 1·0*
,, 29 ..	18 17·7	17836	68 0·7
November 5 ..	18 20·3	17846	67 59·7
,, 12 ..	18 19·8	..	..
,, 13 ..	..	17834*	68 0·8*
,, 19 ..	18 19·4	17840	68 1·0
,, 26 ..	18 19·3	17853	68 0·2
December 2 ..	18 18·7	17854	67 59·8
,, 10 ..	18 17·4	17852	68 0·0
,, 17 ..	18 15·9	17843	68 0·3
,, 24 ..	18 18·7	17852	68 1·1
,, 31 ..	18 17·9	17860	67 59·5

* Disturbance at these times. Values not utilised in computing means given in Table D.

TABLE D.

Valentia Observatory, Cahirciveen.

Magnetic Data for the Year 1925.

1925.	Declination (West).		Inclination (North).		Horizontal Force.	North.	West.	Vertical.	Total.
	°	′	°	′	γ	γ	γ	γ	γ
January	18	29·0	67	59·9	17857	16936	5661	44194	47665
February	18	27·3	68	0·1	17858	16939	5653	44200	47671
March	18	25·3	68	0·2	17850	16935	5641	44188	47657
April	18	25·6	68	0·9	17851	16936	5643	44216	47684
May	18	24·2	68	0·3	17847	16934	5635	44185	47653
June	18	22·3	67	59·3	17848	16938	5625	44150	47621
July	18	19·8	68	0·0	17844	16938	5612	44165	47633
August	18	19·7	67	59·7	17848	16943	5613	44164	47634
September	18	20·2	67	59·3	17841	16935	5613	44133	47603
October	18	18·0	68	0·1	17845	16943	5603	44157	47627
November	18	19·7	68	0·3	17846	16941	5612	44181	47650
December	18	17·7	68	0·2	17852	16948	5604	44190	47660
Year, 1925	18	22·4	68	0·0	17849	16939	5626	44177	47646
Year, 1924	18	34·9	68	0·6	17854	16923	5689	44213	47682
Year, 1923	18	46·5	68	1·5	17852	16902	5746	44242	47707
Year, 1922	18	57·0	68	3·0	17849	16882	5796	44289	47750
Year, 1921	19	6·5	68	3·4	17848	16865	5842	44299	47760
Year, 1920	19	17·9	68	5·3	17840	16837	5896	44353	47806
Year, 1915	20	3·8	68	7·9*	17869	16785	6130	44519*	47972*
Year, 1910	20	44·6	68	13·0	17892	16732	6337	44771	48215

* Mean of 11 months only.

Readings in millibars at exact hours, Greenwich Mean Time.

290. Cahirciveen (Valentia Observatory) : Hb (height of barometer cistern above M.S.L.) = 13·7 metres. **January, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	001·1	000·2	999·1	996·7	994·1	992·9	992·4	991·2	990·1	989·1	987·5	985·7	983·5	982·0	983·5	983·6	984·6	986·6	987·9	989·7	990·2	990·1	989·3	987·8	990·2
2	985·8	983·6	979·9	976·7	974·0	971·5	969·8	971·4	972·8	973·8	976·1	977·5	977·9	979·2	980·4	981·3	982·3	982·9	983·8	985·2	986·3	987·0	987·4	987·6	979·8
3	987·5	987·4	988·0	988·0	987·6	988·5	989·6	991·5	993·7	994·7	994·5	994·7	993·9	993·4	992·4	991·2	990·3	989·5	988·4	986·3	983·0	981·6	982·7	985·5	989·4
4	988·1	989·9	990·5	989·9	988·9	989·0	990·3	991·6	993·7	995·1	996·8	998·4	999·8	000·9	002·2	003·7	004·9	005·9	007·3	008·2	008·8	009·6	010·4	011·2	998·4
5	011·9	012·7	013·4	013·9	014·4	014·9	015·8	016·6	017·6	018·5	019·4	019·7	019·7	019·7	020·2	021·0	021·9	022·6	023·4	024·5	025·4	026·1	026·9	027·4	019·1
6	027·9	028·3	029·0	029·8	030·1	030·5	031·3	032·2	033·3	033·5	033·7	033·8	033·8	033·3	033·4	033·4	033·5	033·4	033·3	033·0	033·3	033·4	033·4	033·3	032·1
7	032·9	032·4	032·3	031·7	031·0	030·6	030·1	030·0	030·0	029·9	029·3	028·4	027·5	026·5	026·0	025·1	024·5	023·5	022·6	021·9	021·0	020·0	019·1	017·8	027·2
8	016·4	015·1	013·9	012·6	011·2	010·1	009·2	008·5	007·6	006·5	005·2	004·4	004·1	005·0	005·6	006·8	007·9	009·6	011·7	013·0	015·2	016·4	017·7	018·9	010·5
9	019·7	020·5	021·0	021·7	022·2	023·2	023·8	024·3	025·2	025·5	026·1	026·0	025·6	025·4	025·3	025·4	025·3	025·5	025·6	025·8	025·8	025·6	025·6	025·4	024·3
10	024·8	024·6	024·7	025·0	024·5	024·4	024·5	024·6	025·4	026·0	026·5	026·4	026·1	025·8	025·6	025·9	026·1	026·2	026·4	026·6	026·6	026·4	026·6	026·4	025·6
11	025·9	025·4	025·1	024·9	024·3	023·9	024·0	023·7	023·5	023·3	023·3	022·9	022·0	021·1	021·2	021·3	021·2	021·5	021·1	020·9	020·7	020·5	020·7	020·5	022·7
12	019·5	018·8	018·5	018·1	017·5	016·8	016·4	016·0	015·8	015·2	015·2	014·3	013·5	012·3	011·6	010·8	009·9	008·6	006·6	005·3	005·0	005·0	004·2	004·1	012·8
13	004·8	005·3	006·2	006·6	006·2	005·5	004·2	002·7	001·3	999·9	998·2	996·5	994·9	992·7	991·4	990·1	988·4	986·7	985·8	984·3	983·4	983·2	983·2	983·3	995·6
14	984·5	991·8	996·6	999·9	001·8	003·7	005·2	006·6	007·7	008·8	009·3	009·7	009·6	009·9	010·2	010·3	011·1	011·5	012·2	012·6	012·9	013·5	014·0	014·4	006·3
15	015·1	015·8	016·9	018·2	019·3	020·7	022·1	023·5	025·2	026·4	027·3	028·0	028·4	028·5	028·8	029·6	030·2	030·6	031·2	032·0	032·3	032·4	032·5	032·5	025·8
16	032·3	031·5	031·1	031·0	030·3	030·0	030·0	029·9	029·9	029·5	029·2	028·8	028·2	027·2	026·6	025·8	025·1	025·1	025·0	024·9	025·0	024·5	024·1	024·4	028·1
17	024·3	023·8	023·6	023·4	023·3	023·2	023·4	023·7	023·8	023·8	023·8	024·0	023·9	024·2	024·3	024·4	024·7	024·9	025·1	025·4	025·5	025·6	025·7	025·8	024·3
18	025·7	025·5	025·6	025·1	025·6	024·8	025·9	026·5	027·4	027·6	028·5	028·3	028·4	028·5	028·8	029·1	029·8	030·1	030·3	031·3	031·4	031·3	031·3	031·3	028·1
19	031·2	031·0	030·9	030·9	031·1	031·2	031·4	031·6	032·1	032·3	032·6	032·6	032·3	031·6	031·1	031·2	031·1	031·2	031·2	031·1	031·2	031·2	031·1	031·0	031·4
20	030·6	030·2	029·9	029·6	029·2	029·0	028·7	028·5	028·7	028·7	028·5	027·8	027·1	026·3	025·9	025·3	024·8	024·5	024·4	023·8	023·5	023·2	022·8	022·4	027·0
21	021·8	021·3	020·5	019·7	018·9	018·0	017·3	016·7	017·0	017·1	016·5	015·9	015·3	015·1	014·7	014·1	013·4	013·3	013·0	012·5	012·0	011·6	011·4	011·0	016·0
22	009·9	009·2	008·5	007·7	007·5	007·2	007·3	008·4	009·3	009·5	010·2	010·3	010·0	010·2	010·3	011·1	011·8	012·6	013·4	014·1	014·9	015·5	016·2	016·9	010·8
23	017·5	018·2	018·8	019·1	019·6	020·7	021·8	022·9	023·9	024·6	025·3	025·7	025·9	025·9	026·2	026·2	026·4	026·2	026·5	026·2	026·0	025·6	025·4	024·7	023·6
24	023·7	023·2	022·7	021·7	021·1	020·4	019·9	019·7	019·6	019·2	018·9	018·4	017·5	017·0	016·5	016·2	015·9	016·1	016·1	016·3	016·5	016·9	017·0	017·1	018·8
25	017·3	017·4	017·5	017·6	017·7	018·3	018·9	019·4	020·2	020·8	021·2	021·4	021·6	022·0	022·2	022·8	023·5	023·8	024·9	025·2	025·3	025·5	025·0	025·5	021·3
26	026·1	026·1	026·3	026·0	025·8	025·7	025·3	025·0	025·0	024·3	024·2	023·7	023·1	022·3	021·7	020·9	020·6	020·4	020·1	019·8	019·0	018·7	018·2	018·1	022·9
27	017·6	017·1	016·7	015·8	015·3	014·7	014·4	014·1	014·4	015·0	015·9	015·7	015·8	016·1	016·6	017·0	017·4	017·8	018·0	018·2	018·1	017·6	017·0	015·8	016·4
28	014·8	014·1	013·4	012·4	012·2	012·0	012·4	012·6	013·4	013·7	014·1	015·0	015·7	016·1	016·9	017·5	018·1	018·9	018·9	018·7	018·2	017·2	016·3	015·3	015·3
29	013·5	012·6	011·5	010·9	010·6	010·3	009·6	009·2	009·0	009·1	009·0	008·9	008·6	009·5	010·2	010·9	011·6	012·0	012·9	013·7	014·5	015·1	015·1	014·8	011·4
30	014·7	014·6	014·6	014·7	014·9	014·9	014·7	014·9	015·1	015·1	014·7	014·4	013·8	013·0	012·6	012·1	011·3	011·3	011·1	011·0	011·2	011·4	012·3	012·6	013·4
31	012·8	012·8	012·9	012·8	012·6	012·5	012·3	012·4	012·4	012·2	012·6	012·8	012·6	013·3	013·7	014·4	015·5	017·1	018·0	019·6	020·9	022·1	023·7	024·0	015·0
Mean (Station level)	1015·47	1015·50	1015·47	1015·23	1014·93	**1014·81**	1014·90	1015·16	1015·62	1015·77	1015 92	1015·81	1015·49	1015·29	1015·36	1015·44	1015·58	1015·80	1016·01	1016·16	1016·23	1016·25	1016·33	**1016·35**	1015·61
Mean (Sea level)	1017·15	1017·18	1017·15	1016·91	1016·61	**1016·49**	**1016·58**	1016·84	1017·30	1017·45	1017·60	1017·49	1017·17	1016·97	1017·04	1017·12	1017·27	1017·49	1017·70	1017·85	1017·93	1017·94	1018·02	**1018·04**	1017·30

291. Cahirciveen (Valentia Observatory) : Hb = 13·7 metres. **February, 1925.**

Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	023·0	024·7	025·5	026·5	027·3	027·6	028·5	029·5	030·4	030·6	031·1	031·6	031·8	031·6	031·5	031·4	031·1	031·3	031·4	031·3	031·2	031·1	031·2	031·0	029·5
2	030·7	030·2	029·8	029·7	029·5	029·4	029·3	029·3	029·3	029·4	029·4	029·4	028·9	028·6	028·4	028·5	028·6	028·8	029·3	029·6	029·5	029·3	028·8	028·7	029·3
3	028·5	027·9	027·6	027·3	026·8	026·5	026·6	026·5	026·8	026·9	026·7	026·6	026·2	026·1	026·0	026·1	026·7	027·1	027·8	028·2	029·0	029·2	029·3	029·4	027·3
4	029·7	029·9	030·0	030·1	030·1	030·0	030·1	030·2	030·3	030·1	029·7	029·3	028·4	027·8	026·6	025·8	025·2	024·7	024·4	023·7	023·1	022·8	022·5	021·8	027·5
5	021·2	020·2	019·6	018·8	018·4	018·2	017·9	017·5	017·6	018·1	018·6	018·5	018·3	018·2	017·7	017·4	017·1	016·9	016·9	016·4	016·2	015·8	015·4	015·0	017·9
6	014·4	013·7	013·1	013·0	012·6	012·4	012·8	012·7	013·0	013·2	013·5	013·4	012·9	012·9	012·9	013·0	013·7	014·0	014·7	015·0	015·3	015·5	015·9	015·8	013·7
7	015·9	015·9	015·9	015·8	015·7	015·6	015·2	015·0	014·6	013·8	013·1	011·6	009·8	007·9	006·2	005·0	003·8	003·6	003·1	002·7	002·6	002·6	002·7	003·0	009·9
8	002·9	003·0	003·0	003·0	003·0	003·0	003·0	002·9	002·5	002·2	002·1	001·6	000·7	000·1	999·9	000·5	001·2	002·2	003·2	004·0	004·3	004·9	005·7	006·7	002·7
9	007·2	007·5	007·7	008·1	008·2	008·0	007·8	007·2	006·6	004·7	001·5	998·1	996·0	001·5	003·6	004·2	005·1	005·5	005·8	006·0	006·1	006·1	005·8	005·4	005·2
10	004·9	003·9	002·5	001·2	999·8	998·7	997·5	997·3	997·0	996·8	996·6	997·3	996·9	996·2	995·8	994·6	993·9	993·4	993·0	992·7	992·2	992·0	991·7	991·2	996·8
11	991·0	990·5	990·1	989·9	989·6	989·1	998·0	989·6	989·6	989·1	988·5	988·2	987·3	986·5	986·1	985·6	985·6	985·9	986·2	986·4	986·3	986·2	985·8	985·9	987·9
12	986·2	986·5	986·6	986·3	986·4	986·6	986·1	986·4	986·3	986·5	986·8	987·3	987·1	986·9	987·1	986·8	985·8	984·8	983·5	982·4	980·3	978·4	976·9	976·7	985·0
13	976·8	976·9	976·8	976·6	976·6	976·5	976·6	976·7	976·7	976·6	976·5	976·4	976·0	975·8	975·7	975·7	976·0	975·8	976·1	976·2	976·4	976·3	976·0	975·8	976·3
14	975·9	975·8	975·9	975·7	975·2	975·2	976·0	977·0	979·0	979·4	980·3	981·2	981·4	981·7	982·1	982·4	983·2	984·1	985·1	985·9	986·9	987·7	988·7	989·7	980·8
15	990·4	990·7	991·4	992·0	992·7	993·5	994·1	995·0	996·0	996·6	997·7	998·0	998·0	998·0	998·0	998·5	999·0	999·3	999·8	999·8	999·8	000·0	000·1	000·0	996·4
16	000·2	999·9	999·7	999·6	999·4	999·5	999·5	999·4	999·3	999·2	999·4	999·5	999·4	999·6	000·0	000·3	001·2	002·2	003·0	003·6	004·3	004·6	004·8	005·4	000·8
17	005·8	006·2	006·4	006·7	007·0	007·5	008·1	008·5	009·2	009·6	010·1	010·2	010·1	010·1	010·1	010·1	010·2	010·2	010·6	010·8	011·2	011·3	011·4	011·7	009·2
18	011·8	011·6	011·7	012·0	012·3	012·7	012·9	013·5	014·0	014·2	014·2	014·6	014·9	015·1	014·8	014·9	015·2	015·7	016·6	016·8	017·4	017·5	017·6	017·7	014·4
19	017·8	017·8	017·9	017·9	017·9	017·9	018·0	018·6	018·9	019·1	018·9	018·7	018·4	018·3	018·3	017·9	018·0	018·3	018·5	018·8	018·6	018·4	018·0	017·6	018·3
20	017·4	016·9	016·3	015·4	014·6	013·9	012·8	011·9	011·2	010·5	009·7	008·5	007·2	006·0	004·8	003·6	002·7	003·2	004·1	005·1	006·0	006·2	006·3	006·7	009·4
21	007·0	007·2	007·3	007·6	008·0	008·9	009·2	010·0	010·8	011·0	012·0	012·7	012·8	012·9	013·7	013·8	014·3	015·0	015·3	015·5	015·5	015·5	015·8	015·4	011·8
22	015·4	014·8	014·1	013·2	012·4	011·2	009·0	008·4	007·0	005·1	002·7	000·5	997·4	994·5	991·5	987·8	985·0	983·1	982·0	981·1	982·8	983·7	985·0	986·4	998·7
23	987·1	988·2	988·6	989·4	990·8	991·3	992·5	993·6	994·7	995·7	995·8	996·9	997·0	996·9	997·7	998·2	998·2	998·4	998·4	997·6	996·6	995·0	992·9	990·5	994·2
24	988·0	983·8	980·5	977·0	973·3	973·2	972·8	973·0	974·3	974·4	974·7	974·9	975·5	976·0	976·3	976·4	976·8	977·0	977·3	977·4	977·0	976·8	976·7	976·9	976·9
25	976·4	974·9	973·6	975·4	976·3	976·8	977·2	977·8	977·6	977·3	977·0	979·7	980·1	980·0	979·9	979·7	978·8	977·0	974·5	971·8	969·5	969·2	968·0	966·9	975·9
26	965·3	963·9	960·9	958·6	957·6	957·4	957·8	958·6	960·1	960·9	962·1	964·6	966·5	968·4	970·2	971·4	972·5	973·6	975·1	976·4	977·4	978·0	978·8	979·3	967·1
27	980·3	981·5	982·1	982·8	983·5	984·2	984·6	985·4	986·1	986·3	986·5	986·4	986·3	987·0	986·5	986·6	986·7	987·3	987·6	988·0	988·2	988·1	988·0	987·7	985·6
28	987·4	987·1	986·8	986·4	986·7	987·1	987·4	988·1	988·7	988·9	989·4	990·0	990·5	991·0	991·5	991·8	992·7	993·8	994·7	995·7	996·8	997·4	998·1	998·9	990·9
Mean (Station level)	**1002·09**	1001·83	1001·48	1001·29	1001·13	0001·14	1001·15	1001·41	1001·70	1001·65	1001·59	1001·63	1001·28	1001·27	1001·17	**1001·00**	1001·01	1001·15	1001·36	1001·39	1001·45	1001·41	1001·35	1001·33	1001·41
Mean (Sea level)	**1003·76**	1003·50	1003·15	1002·96	1002·80	1002·81	1002·82	1003·08	1003·37	1003·32	1003·26	1003·30	1002·95	1002·94	1002·84	**1002·67**	1002·68	1002·82	1003·03	1003·06	1003·12	1003·08	1003·02	1003·00	1003·08
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	11.	18.	19.	18.	20.	21.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

*E

Readings in millibars at exact hours, Greenwich Mean Time.

292. Cahirciveen (Valentia Observatory) : H$_b$ (height of barometer cistern above M.S.L.) = 13·7 metres. **March, 1925**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	999·8	000·7	001·3	002·2	003·0	003·9	004·5	005·5	006·6	007·3	008·2	008·7	009·0	009·1	009·1	009·3	009·7	010·1	010·6	011·4	012·5	012·9	013·3	013·2	007·3
2	013·4	013·7	013·8	013·8	014·2	014·6	015·2	016·2	016·9	017·1	017·6	017·7	018·0	018·1	018·6	019·1	020·0	020·6	021·3	022·4	023·1	023·7	024·2	024·5	018·0
3	025·2	025·3	025·9	026·3	026·7	027·4	027·9	028·8	029·7	030·4	031·1	031·4	031·3	031·1	031·4	031·5	031·8	032·2	032·8	033·5	034·2	035·0	035·4	035·6	030·3
4	035·6	035·4	036·1	035·9	036·4	037·1	037·7	038·1	037·9	037·7	038·5	038·1	038·0	037·9	037·6	037·4	037·6	037·5	037·6	037·7	037·8	037·8	037·7	037·6	**037·3**
5	037·3	037·1	036·6	036·2	036·0	035·9	035·9	035·8	036·0	036·0	035·6	035·4	034·9	034·2	033·8	033·2	033·0	032·9	032·8	032·6	032·3	032·2	031·9	031·2	034·7
6	030·5	030·0	029·1	028·7	028·3	028·0	027·6	027·7	027·8	027·6	027·1	026·6	025·9	025·2	024·8	024·2	024·1	024·0	023·9	023·7	023·4	023·0	022·4	022·1	026·3
7	021·5	020·8	020·3	019·4	019·0	018·8	018·1	018·2	018·2	017·8	017·6	017·5	017·3	016·6	016·3	015·6	015·3	015·2	014·9	014·8	014·8	014·6	014·2	014·1	017·3
8	014·2	014·3	014·1	014·6	014·7	015·2	015·7	016·4	017·2	017·8	018·7	019·2	020·0	019·9	020·6	021·1	021·6	022·3	022·8	023·2	023·7	023·9	024·6	024·9	019·0
9	025·2	025·7	026·2	026·4	026·7	027·5	028·0	028·5	029·3	029·6	030·3	030·4	030·6	030·5	030·5	030·6	030·6	030·9	031·6	032·1	032·5	032·7	033·0	033·0	029·5
10	033·4	033·3	033·2	033·4	033·8	033·9	034·2	034·6	035·0	035·2	035·3	035·5	035·2	035·0	035·0	034·7	034·3	034·4	034·4	034·3	034·1	033·8	033·7	033·3	034·3
11	032·9	032·7	032·3	032·1	032·0	031·9	031·7	031·8	031·8	031·3	031·1	031·0	031·0	030·4	029·8	029·4	029·2	029·6	029·9	030·0	029·9	029·7	029·5	029·5	030·9
12	029·6	029·3	029·2	029·3	029·4	029·3	029·5	029·6	030·1	030·2	030·3	030·4	030·3	030·1	030·0	030·4	030·2	030·3	030·6	031·1	031·1	030·9	030·8	030·4	030·1
13	030·4	030·1	029·9	029·4	029·3	029·7	029·3	029·3	028·9	028·2	027·7	027·4	027·3	026·5	025·9	025·7	025·3	025·5	025·3	024·9	024·8	024·7	024·7	024·6	027·4
14	024·4	024·2	023·8	023·5	023·6	023·8	023·8	023·9	024·1	024·3	024·4	024·7	024·6	024·5	024·5	024·1	024·3	024·5	025·2	025·6	025·9	026·0	026·1	026·2	024·5
15	026·3	026·3	026·3	026·3	026·5	026·8	027·4	028·0	028·0	028·2	028·2	028·2	028·3	028·2	028·2	028·1	028·3	028·9	029·2	029·4	029·8	029·9	030·3	030·5	028·1
16	030·8	030·7	030·8	030·8	030·6	030·9	031·6	032·0	032·6	032·8	032·8	033·3	033·0	033·1	033·2	033·1	033·4	033·4	033·6	034·1	033·9	033·9	033·9	033·8	032·5
17	033·9	033·5	033·4	033·2	032·8	032·8	033·0	033·1	033·2	033·0	033·0	033·1	033·0	032·7	032·4	032·2	031·9	032·0	031·9	032·0	032·1	032·0	031·9	031·7	032·7
18	031·6	031·4	031·3	030·9	031·0	031·1	031·3	031·4	031·7	031·8	031·7	031·4	031·3	031·2	031·1	031·0	031·0	031·1	031·5	031·8	032·0	032·2	032·3	032·4	031·5
19	032·4	032·3	032·1	032·0	032·2	032·3	032·4	032·6	032·8	032·7	032·7	032·6	032·3	031·9	031·8	031·5	031·4	031·4	031·4	031·4	031·6	031·4	031·1	030·8	032·0
20	030·1	029·5	028·9	028·4	027·7	027·2	026·7	026·4	026·4	026·3	026·5	026·6	026·5	026·3	026·2	025·6	025·4	025·2	025·1	025·0	024·8	024·6	024·5	024·0	026·6
21	023·6	023·4	022·5	022·3	022·0	022·1	022·5	023·2	023·8	024·1	025·0	025·4	025·9	025·9	025·7	025·8	026·1	025·6	025·7	026·0	026·0	025·9	026·1	026·2	024·6
22	026·1	026·2	026·1	025·9	026·0	026·3	026·7	027·2	027·7	027·9	028·1	027·9	027·8	027·6	027·6	027·2	027·3	027·5	027·6	028·0	028·0	027·5	027·6	027·3	027·2
23	026·8	026·0	025·4	025·0	024·5	024·3	023·8	023·6	023·5	023·1	022·8	022·4	021·9	021·3	020·7	020·2	019·8	019·7	019·8	019·9	020·0	020·0	019·8	019·6	022·4
24	019·4	018·6	017·7	017·5	017·2	016·9	017·0	017·1	017·5	017·3	017·4	017·5	017·5	017·3	017·1	016·9	017·3	017·7	018·0	018·2	018·9	019·2	019·8	019·9	017·9
25	020·1	019·8	019·8	019·7	019·9	020·2	020·7	021·0	021·7	021·8	022·0	022·1	022·3	022·0	021·8	021·9	022·0	022·2	022·6	023·3	023·5	024·0	024·7	024·6	021·7
26	024·5	024·4	024·4	024·4	024·2	024·3	024·5	024·4	024·5	024·3	024·1	023·8	023·4	023·0	022·4	021·7	021·5	021·6	021·6	021·8	022·0	022·0	022·0	021·9	023·3
27	021·6	021·5	021·4	021·3	021·5	021·9	022·7	022·9	023·3	023·5	023·9	024·1	024·1	023·9	024·0	024·0	024·1	024·3	024·7	025·2	025·5	025·5	025·5	025·6	023·5
28	025·7	025·9	026·0	025·9	026·0	026·2	026·6	027·1	027·7	027·8	028·0	028·3	028·4	028·4	028·5	028·5	028·4	028·8	029·1	029·7	030·2	030·3	030·4	030·3	027·9
29	030·4	030·2	029·6	029·3	029·3	029·1	029·3	029·4	029·4	029·3	029·0	028·7	028·1	027·7	027·3	026·7	026·2	025·9	025·5	025·2	025·0	024·4	023·9	023·3	027·8
30	022·6	021·8	020·9	020·1	019·3	018·6	018·1	017·9	017·7	017·0	016·6	015·8	015·2	014·3	013·4	013·0	012·1	011·2	010·6	010·2	009·6	008·8	008·1	007·1	015·3
31	006·1	004·9	003·9	002·8	002·3	002·6	002·9	003·2	003·6	004·2	004·5	005·1	005·5	005·8	006·1	006·2	007·2	008·0	009·0	009·9	010·9	011·4	012·1	012·7	**006·2**
Mean (Station level)	1025·34	1025·13	1024·91	1024·74	**1024·71**	1024·86	1025·04	1025·32	1025·63	1025·67	1025·80	1025·82	1025·74	1025·47	1025·34	1025·16	1025·17	1025·31	1025·50	1025·75	1025·93	1025·93	**1025·98**	1025·87	1025·41
Mean (Sea level)	1027·05	1026·85	1026·63	1026·46	**1026·43**	1026·58	1026·76	1027·04	1027·34	1027·38	1027·51	1027·52	1027·44	1027·17	1027·04	1026·86	1026·87	1027·02	1027·21	1027·46	1027·64	1027·64	**1027·69**	1027·58	1027·12

293. Cahirciveen (Valentia Observatory) : H$_b$ = 13·7 metres. **April, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	013·3	013·4	013·6	013·8	014·0	014·3	014·9	015·2	015·4	015·3	015·4	015·2	014·9	014·5	014·0	013·5	013·1	012·9	012·5	012·2	012·0	011·7	011·3	010·9	013·7
2	010·1	009·5	008·9	008·4	008·3	008·2	008·1	008·1	008·4	008·5	008·9	009·6	010·3	010·8	011·3	011·6	012·3	013·2	013·9	014·7	015·6	016·2	017·0	017·3	011·1
3	018·0	018·1	018·3	018·5	018·8	019·0	019·4	019·5	019·6	019·4	019·2	018·9	018·6	017·8	016·7	016·1	015·2	014·7	013·6	013·0	012·1	010·8	009·3	007·8	016·5
4	006·3	004·9	003·1	001·3	000·0	998·7	997·3	996·3	995·2	994·4	995·0	994·5	993·9	993·5	992·8	992·1	991·8	991·3	991·0	990·6	990·2	989·6	988·9	988·4	995·5
5	987·9	987·6	987·2	986·8	986·6	986·5	986·5	986·6	986·9	987·0	986·7	986·7	986·8	987·0	986·8	986·7	986·8	987·0	987·5	987·9	988·1	988·3	988·6	988·7	**987·2**
6	988·9	988·8	988·8	989·2	989·6	990·2	990·7	991·4	991·8	992·1	992·6	992·9	993·2	993·6	994·2	994·3	994·7	995·4	996·0	996·9	997·6	998·1	998·5	998·8	993·1
7	999·2	999·4	999·8	000·3	000·8	001·3	002·1	002·9	003·5	004·0	004·8	005·2	005·4	005·8	006·3	006·6	007·1	008·1	008·7	009·5	009·8	010·0	010·1	009·9	004·8
8	009·7	009·4	009·4	009·3	009·2	008·7	008·4	008·3	007·6	007·3	006·8	005·8	005·3	004·7	003·9	002·7	001·5	000·8	000·0	999·3	998·5	997·8	997·0	997·2	004·8
9	997·1	996·7	996·4	996·1	995·8	995·5	995·9	996·1	996·1	996·0	995·9	996·0	996·1	996·4	997·0	997·4	998·0	999·0	000·0	001·1	002·4	003·0	003·8	004·6	997·9
10	005·3	006·0	006·7	007·5	008·2	009·0	010·1	011·1	011·9	012·6	013·6	013·9	014·3	014·8	014·9	015·2	015·8	016·0	016·4	016·8	017·3	017·3	017·1	016·7	012·6
11	016·2	015·7	015·2	014·6	014·2	013·7	013·5	012·8	012·4	011·7	011·2	010·4	009·9	009·2	008·3	008·0	008·2	008·4	009·6	010·3	011·6	011·9	012·4	012·7	011·8
12	013·3	013·7	014·2	014·8	015·6	016·3	017·0	017·6	018·2	018·1	017·7	017·4	016·9	016·7	016·2	015·4	015·0	014·5	014·2	014·2	013·3	012·8	012·1	011·2	015·3
13	010·6	009·9	009·9	010·1	010·5	011·1	011·9	012·3	012·7	012·9	013·2	013·6	013·7	013·9	013·9	014·0	014·3	014·6	014·8	014·9	015·1	015·1	014·5	014·1	012·9
14	013·2	012·5	011·3	009·9	008·3	006·5	005·9	005·4	005·3	005·1	004·9	004·6	004·3	004·0	003·7	003·1	003·1	002·5	002·0	002·1	002·2	002·8	003·7	004·1	005·6
15	004·4	005·0	005·2	005·5	005·6	005·7	005·9	005·8	006·2	006·0	005·8	005·8	005·4	005·3	005·9	005·9	005·9	006·0	006·6	006·9	008·4	008·7	008·9	009·3	006·1
16	009·5	009·9	010·1	010·6	011·2	012·0	012·6	013·2	013·8	014·1	014·4	015·2	015·6	016·1	016·3	016·5	016·9	017·1	017·3	017·7	018·1	018·2	018·4	018·3	014·5
17	017·9	017·4	017·2	016·8	016·4	016·0	015·9	015·4	014·9	014·7	014·2	013·9	013·1	012·9	012·2	011·4	010·8	010·2	009·5	009·2	009·1	008·7	008·2	007·7	013·3
18	007·1	005·8	004·8	003·6	003·8	004·2	004·9	005·5	005·7	005·7	006·2	006·3	006·6	006·7	006·8	006·5	006·6	007·0	007·3	007·8	008·8	008·7	008·6	008·4	006·4
19	008·3	008·6	008·5	008·5	008·9	009·3	010·2	011·1	012·1	012·2	012·8	013·4	014·1	013·9	015·1	015·4	016·1	015·9	016·8	017·9	018·9	019·8	020·1	021·1	013·4
20	021·7	021·8	021·9	022·2	022·5	023·2	024·1	024·6	024·8	024·8	025·0	025·1	025·0	024·6	024·4	024·3	024·1	024·2	024·3	024·8	025·1	024·9	024·6	024·6	**024·0**
21	024·2	023·7	023·4	023·2	022·8	022·4	022·3	022·4	022·5	022·2	021·7	021·6	021·3	020·5	020·2	019·6	019·3	019·2	019·0	019·2	019·0	018·6	018·0	017·5	021·1
22	017·6	017·1	016·6	016·0	015·1	014·8	014·3	013·0	012·6	011·4	009·8	008·8	007·0	006·0	005·4	003·7	002·9	002·6	004·3	005·0	006·1	006·1	006·7	006·9	009·8
23	007·3	007·4	007·7	007·6	007·6	007·8	008·2	008·4	008·6	008·6	008·6	008·7	008·8	009·0	008·9	009·5	009·3	009·4	009·7	010·2	010·5	010·5	010·5	010·8	008·8
24	010·4	010·5	010·6	011·0	011·1	011·6	011·8	012·3	012·5	012·7	013·1	012·9	013·5	013·6	013·6	013·3	013·4	013·1	012·9	013·0	012·4	012·0	011·6	010·5	012·2
25	009·8	009·1	008·0	007·2	006·2	005·9	005·6	005·9	005·9	006·1	006·3	006·5	006·7	007·2	007·4	007·6	008·1	008·4	009·2	010·0	010·7	011·1	011·5	012·0	008·0
26	011·9	012·2	012·5	012·7	012·9	013·5	013·8	014·2	014·6	014·8	015·0	014·9	015·1	015·4	015·3	015·0	015·1	015·2	015·0	015·2	015·4	014·9	014·8	014·3	014·3
27	013·8	012·5	011·4	010·2	009·1	008·3	007·9	007·5	007·3	006·6	006·6	006·6	006·4	005·9	005·7	005·3	005·2	005·2	005·0	005·2	005·3	005·6	005·8	006·2	007·4
28	006·5	006·9	007·5	008·3	008·8	010·1	010·8	011·4	011·8	012·3	013·1	013·1	013·6	013·9	014·1	014·1	014·2	014·2	014·3	014·8	015·1	015·1	015·2	015·2	012·1
29	014·9	014·6	014·3	014·3	014·2	014·0	014·3	014·5	014·5	014·4	014·3	014·3	014·1	013·7	013·5	013·2	013·0	012·7	012·5	012·5	012·6	011·9	011·6	011·2	013·6
30	010·5	009·9	009·2	008·4	007·7	007·4	006·7	006·9	006·2	005·4	005·4	006·2	006·4	007·6	008·3	008·8	009·4	009·6	010·6	011·4	012·3	012·6	013·0	013·4	008·8
Mean (Station level)	1009·50	1009·27	1009·06	1008·89	**1008·79**	1008·84	1009·03	1009·19	1009·30	1009·21	1009·27	1009·27	1009·21	1009·17	1009·10	1008·89	1008·91	1008·95	1009·15	1009·48	**1009·79**	1009·76	1009·73	1009·66	1009·23
Mean (Sea level)	1011·19	1010·96	1010·75	1010·57	**1010·47**	1010·52	1010·72	1010·88	1010·98	1010·89	1010·95	1010·95	1010·89	1010·85	1010·78	1010·56	1010·58	1010·62	1010·83	1011·16	**1011·48**	1011·45	1011·42	1011·35	1010·91
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

294. Cahirciveen (Valentia Observatory) : H_b (height of barometer cistern above M.S.L.) = 13·7 metres. **May, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	013·6	013·5	013·6	013·8	014·4	014·9	015·5	016·4	017·0	016·9	017·3	017·5	017·9	018·1	018·1	018·1	018·1	018·3	018·4	018·6	018·7	018·6	018·4	018·2	016·7
2	018·1	017·7	017·4	017·0	016·9	016·8	016·8	016·8	016·7	016·6	016·3	016·2	016·1	016·0	015·5	015·0	014·4	014·2	013·9	013·6	013·3	012·5	011·7	010·4	015·6
3	009·4	008·3	006·8	005·8	004·7	004·3	004·2	004·2	004·0	003·7	003·3	002·8	002·6	002·3	002·3	002·4	002·6	002·5	002·6	002·4	002·2	002·2	002·1	001·8	003·9
4	001·6	001·4	001·2	001·1	001·1	001·1	001·1	001·1	001·0	000·9	000·8	000·5	000·1	000·0	999·9	999·3	999·3	999·0	999·0	999·0	999·0	998·8	998·7	998·6	000·2
5	998·1	997·8	997·0	996·1	995·2	993·7	991·7	990·6	990·0	989·7	989·7	989·9	990·5	991·8	992·9	993·5	994·0	994·5	995·0	995·3	996·0	995·9	995·6	995·6	993·8
6	995·3	995·2	994·9	994·8	995·0	995·3	995·7	996·0	996·3	996·4	996·4	996·3	996·4	996·5	996·5	996·2	995·9	995·9	996·1	995·9	995·9	996·1	996·0	996·0	995·9
7	995·9	995·8	995·7	995·4	995·2	995·2	995·4	995·5	995·7	995·6	905·7	995·8	995·8	995·7	995·7	995·8	995·9	996·5	996·6	996·8	997·3	997·4	997·4	997·4	996·0
8	997·3	997·2	997·3	997·1	997·2	997·4	998·2	998·5	999·0	999·2	999·8	000·2	000·5	001·0	001·4	001·5	001·7	001·8	001·5	001·4	001·6	001·2	000·9	001·2	999·7
9	001·6	002·8	003·8	004·2	005·0	005·5	006·2	006·8	007·5	007·8	008·2	008·4	008·7	009·1	009·5	009·7	010·1	010·6	011·1	011·6	012·2	012·2	012·5	012·7	008·0
10	012·6	012·8	012·9	012·9	013·4	013·8	014·4	014·7	014·9	015·1	015·5	015·8	015·7	015·5	015·4	014·8	014·4	014·1	013·3	012·9	012·4	011·1	010·1	009·3	013·7
11	008·3	007·3	006·3	005·5	004·9	005·2	006·1	007·2	007·6	007·9	008·4	008·7	008·9	009·4	009·9	009·9	010·2	010·6	010·7	011·2	011·5	011·5	011·5	011·6	008·7
12	011·4	010·8	009·8	008·6	007·9	007·9	007·8	008·0	008·3	008·4	008·9	009·3	009·8	010·5	011·3	011·8	012·8	013·4	014·1	014·9	016·0	016·2	016·5	017·0	011·2
13	016·9	017·0	017·5	017·5	017·6	018·0	018·3	019·0	019·3	018·6	019·0	019·0	019·2	019·2	019·3	018·9	019·5	019·9	020·2	020·5	021·0	020·9	020·7	020·7	019·0
14	020·7	020·8	020·6	020·5	020·5	021·0	021·4	021·5	021·5	021·4	021·1	020·8	020·4	020·2	019·9	019·4	018·9	018·7	018·5	018·3	018·3	018·0	017·7	017·2	**020·0**
15	016·2	015·4	014·4	014·4	013·5	013·2	013·0	012·5	011·8	011·2	010·6	010·1	009·4	008·9	008·1	007·2	006·5	006·4	006·7	006·8	006·8	006·3	006·0	006·3	010·3
16	006·1	005·9	005·7	005·3	004·7	004·3	004·3	003·8	003·6	003·3	003·0	002·6	002·2	002·0	001·6	001·3	001·5	001·4	001·7	001·9	002·5	002·5	002·5	002·6	003·3
17	002·9	002·9	003·0	003·2	003·5	003·9	004·2	004·6	004·9	005·3	005·7	006·2	006·6	006·7	006·8	007·1	007·2	007·3	007·6	007·8	008·4	008·6	008·6	008·7	005·8
18	008·7	008·7	008·7	008·8	008·9	009·4	009·8	009·9	009·9	010·1	010·2	010·5	010·8	011·1	011·3	011·4	011·4	011·6	011·6	011·9	012·4	012·5	012·3	012·4	010·5
19	011·9	011·8	011·6	011·3	011·2	011·1	011·1	011·2	011·2	011·2	011·1	011·1	010·7	010·7	010·4	010·4	010·5	010·6	010·9	011·0	011·2	011·4	011·6	011·9	011·1
20	011·9	011·8	011·4	011·3	011·4	011·5	011·5	011·9	012·0	011·9	011·8	011·6	011·3	011·1	011·0	010·9	010·6	010·6	010·7	010·7	011·0	010·9	010·6	010·2	011·3
21	009·6	009·1	009·0	008·3	008·0	007·5	007·1	007·1	007·0	006·8	006·2	006·0	005·5	004·8	003·5	001·8	000·6	000·2	000·0	000·6	001·6	002·6	002·7	002·7	005·1
22	002·5	001·9	001·7	001·4	001·4	001·3	001·4	001·3	001·3	001·2	000·9	000·8	000·5	000·1	999·7	998·9	998·4	997·9	997·4	997·0	996·8	996·0	995·5	995·1	999·8
23	994·4	993·9	993·3	992·8	992·4	992·1	992·0	991·5	991·2	990·9	990·2	990·1	990·0	990·0	989·6	989·1	989·0	988·6	988·6	988·7	988·7	988·6	988·3	988·1	990·7
24	988·0	987·6	987·5	987·8	988·2	988·4	988·8	989·1	989·6	989·7	990·2	990·5	991·0	991·2	992·0	992·3	993·2	993·9	994·4	995·0	995·8	996·5	996·8	997·3	991·3
25	997·4	997·8	998·3	998·8	999·5	000·2	001·5	001·9	002·5	003·3	004·0	004·5	005·2	005·7	006·3	007·0	007·8	008·2	008·5	009·4	010·0	010·1	010·2	009·9	004·2
26	009·9	009·5	009·4	009·0	008·8	008·8	008·8	008·2	007·9	006·3	006·0	004·9	004·0	003·7	003·3	003·0	001·6	001·1	999·8	998·9	997·3	995·8	994·2	992·8	004·2
27	991·6	990·4	989·9	989·4	989·3	989·5	989·5	989·8	989·8	989·3	988·8	988·0	987·0	986·2	984·9	984·3	983·2	982·4	981·2	980·3	980·2	981·0	983·0	984·0	**986·6**
28	984·2	984·8	984·9	984·9	985·3	986·1	986·7	987·4	988·1	988·5	989·3	989·8	990·4	991·1	991·4	991·9	992·4	992·8	993·7	994·2	994·8	995·4	995·9	996·4	989·8
29	996·7	997·1	997·4	997·8	997·9	998·4	998·7	998·7	998·3	997·1	996·4	996·1	995·4	995·1	994·5	993·8	993·6	994·1	994·7	995·1	995·8	996·3	996·7	997·9	996·4
30	998·8	999·4	999·7	999·9	000·4	001·0	001·7	002·1	002·9	003·2	004·2	004·8	005·5	006·1	006·8	007·1	007·6	008·5	009·0	009·9	010·8	011·4	011·9	012·5	004·9
31	012·8	012·9	013·0	013·4	013·7	014·0	014·6	015·2	015·5	015·8	016·0	016·3	016·6	016·8	017·1	017·2	017·3	017·4	017·3	017·3	017·9	018·0	018·0	018·1	015·8
Mean (Station level)	1004 ·66	1004 ·49	1004 ·31	1004 ·13	**1004 ·10**	1004 ·22	1004 ·44	1004 ·59	1004 ·71	1004 ·61	1004 ·67	1004 ·68	1004 ·67	1004 ·73	1004 ·71	1004 ·55	1004 ·52	1004 ·61	1004 ·67	1004 ·80	**1005 ·08**	1005 ·05	1004 ·99	1004 ·99	1004 ·62
Mean (Sea level)	1006 ·33	1006 ·16	1005 ·98	1005 ·80	**1005 ·77**	1005 ·89	1006 ·11	1006 ·25	1006 ·37	1006 ·27	1006 ·33	1006 ·34	1006 ·33	1006 ·39	1006 ·37	1006 ·21	1006 ·18	1006 ·27	1006 ·33	1006 ·46	**1006 ·75**	1006 ·72	1006 ·66	1006 ·66	1006 ·28

295. Cahirciveen (Valentia Observatory) : H_b = 13·7 metres. **June, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	017·9	017·7	017·5	017·3	017·4	017·6	017·8	018·1	018·4	018·7	019·2	019·2	019·5	019·7	019·8	019·8	019·8	020·0	020·3	020·6	021·3	021·7	021·9	022·0	019·2
2	022·0	022·1	022·2	022·1	022·5	023·1	023·3	023·6	024·0	024·2	024·2	024·1	024·3	024·5	024·8	024·7	024·6	024·5	024·7	024·8	024·8	024·7	024·5	024·1	023·8
3	023·6	023·3	023·1	022·6	022·4	022·3	022·3	022·3	022·3	022·1	022·5	022·7	022·9	023·0	022·6	022·4	022·4	022·5	022·6	022·6	022·8	022·9	022·7	022·4	022·7
4	022·2	021·6	021·1	020·6	020·4	020·3	020·3	020·3	020·2	020·0	019·5	019·3	018·8	018·9	018·8	018·2	017·7	017·3	017·2	017·3	017·5	017·6	017·6	017·6	019·3
5	017·3	016·8	016·3	016·1	015·9	015·7	015·7	016·0	016·1	016·7	016·3	016·2	016·2	016·5	016·6	016·3	015·8	016·3	016·7	016·7	016·8	017·2	017·3	017·2	016·5
6	017·4	017·4	017·5	017·6	018·0	018·2	018·5	018·6	018·8	018·8	018·9	019·1	019·2	019·1	019·0	018·9	019·0	019·1	019·3	019·6	019·7	019·7	019·8	019·7	018·7
7	019·4	019·1	019·1	018·9	019·0	019·4	019·6	020·0	020·3	020·5	021·0	021·1	020·9	020·8	020·9	020·8	020·6	020·7	020·8	021·0	021·5	021·9	022·0	022·1	020·4
8	021·8	021·4	021·3	021·1	021·3	021·2	021·2	021·4	021·4	021·5	021·3	021·4	021·5	021·4	021·4	021·3	021·0	021·0	020·7	020·6	020·9	021·0	020·9	021·0	021·2
9	021·0	020·6	020·4	020·4	020·3	020·5	020·6	021·2	021·3	021·7	022·4	022·9	023·1	023·1	023·2	023·4	023·6	024·7	025·3	026·2	026·2	026·5	026·7	027·0	022·9
10	027·3	027·4	027·4	027·8	028·1	028·3	028·3	028·6	028·9	029·2	029·3	029·1	028·9	029·0	028·8	028·5	028·3	028·4	028·3	028·3	028·5	028·6	028·5	028·2	**028·4**
11	027·8	027·6	027·3	027·2	027·1	027·1	027·2	027·2	027·1	026·8	026·8	026·4	026·1	026·0	025·8	025·8	025·3	025·2	024·9	025·0	025·0	024·8	024·9	024·6	026·3
12	024·3	023·9	023·5	023·3	023·5	023·6	023·5	023·5	023·5	023·4	023·1	023·1	023·0	022·7	022·6	022·5	022·3	022·1	021·9	022·0	022·4	022·7	022·9	023·0	023·0
13	022·8	022·7	022·5	022·4	022·5	022·8	023·2	023·1	023·4	023·4	023·4	023·5	023·5	023·5	023·5	023·3	023·0	023·0	023·1	023·2	023·5	023·4	023·3	023·0	023·1
14	022·8	022·4	022·3	022·4	022·4	022·5	022·6	022·7	022·9	022·8	022·7	022·5	022·3	021·9	021·8	021·7	021·3	021·0	021·2	021·3	021·6	021·5	021·4	021·1	022·1
15	021·0	020·9	020·0	020·0	020·0	020·2	020·3	020·2	020·3	020·0	019·8	019·9	019·8	019·7	019·7	019·6	019·3	019·3	019·3	019·4	019·7	019·8	020·1	020·0	020·0
16	019·8	019·8	019·9	019·8	020·1	020·5	020·8	021·2	021·4	021·6	021·4	021·6	021·9	021·7	021·8	021·4	021·6	021·8	021·8	021·9	022·6	022·8	022·7	022·6	021·3
17	022·6	022·5	022·5	022·5	022·8	023·2	023·7	024·0	024·1	024·0	024·4	024·5	024·7	024·7	024·8	024·8	024·9	024·9	025·0	025·3	025·6	025·6	025·7	025·6	024·2
18	025·4	025·1	025·0	025·1	025·0	025·3	025·3	025·6	025·7	025·5	025·4	025·5	025·5	025·4	025·4	025·4	025·1	024·9	024·8	024·8	025·0	025·0	024·9	024·6	025·2
19	024·5	024·2	023·8	023·8	023·8	023·9	023·8	023·7	023·8	023·4	023·1	023·0	022·7	022·6	022·6	022·2	022·0	022·3	022·4	022·6	022·8	023·1	022·9	022·7	023·2
20	022·5	022·4	022·4	022·1	022·0	022·0	022·0	022·1	022·2	022·1	021·8	021·8	021·5	021·4	021·3	021·2	021·1	020·7	020·8	020·8	021·1	021·1	020·7	020·2	021·6
21	019·9	019·6	019·3	019·0	018·8	018·7	018·7	019·0	019·1	019·1	019·0	018·9	019·0	018·9	018·4	018·3	018·3	018·4	018·4	018·6	018·9	019·1	019·4	019·3	018·9
22	019·2	019·0	019·0	019·1	019·3	019·4	019·6	019·7	019·9	019·9	019·8	019·9	020·1	020·0	019·9	019·8	019·9	019·7	019·9	020·2	020·6	020·8	020·9	021·0	019·8
23	020·7	020·9	020·8	020·7	020·8	020·9	021·1	021·2	021·4	021·4	021·2	021·2	021·4	021·3	021·2	021·1	021·2	020·8	021·0	021·2	021·6	021·6	021·6	021·8	021·2
24	021·9	022·0	021·9	021·8	021·7	021·9	022·0	022·1	022·3	022·3	022·1	022·0	022·3	022·2	022·2	022·1	022·0	022·2	022·3	022·7	023·1	023·1	023·1	023·2	022·2
25	022·8	022·8	022·6	022·4	022·4	022·7	022·8	022·8	022·8	022·5	022·4	022·4	022·1	022·0	021·9	022·0	022·1	022·0	022·4	022·5	022·8	022·9	023·0	022·8	022·5
26	022·5	022·5	022·2	022·1	022·2	022·1	022·1	022·2	022·1	021·9	021·9	021·5	021·8	021·7	021·5	021·2	020·7	020·6	020·7	020·5	020·3	020·0	019·8	019·3	021·5
27	018·9	018·9	018·8	018·9	019·0	019·4	019·7	020·1	020·4	020·6	020·9	021·1	021·2	021·4	021·6	021·9	022·1	022·1	022·2	022·4	022·8	023·0	023·1	023·3	020·9
28	023·2	023·1	023·1	023·0	023·0	023·1	023·3	023·5	023·4	023·3	023·1	022·7	022·6	022·6	022·4	022·0	021·6	021·3	021·2	021·0	020·8	020·6	020·1	019·5	022·3
29	018·9	018·2	017·8	017·2	017·1	016·9	016·5	016·2	015·9	015·6	015·6	015·3	015·1	014·7	014·6	014·4	014·3	014·2	014·3	014·2	014·5	014·6	014·7	014·6	015·7
30	014·6	014·8	014·7	014·6	014·6	015·1	015·3	015·4	015·4	015·3	015·5	015·4	015·4	015·8	015·9	015·9	015·8	015·8	015·9	016·0	016·1	016·2	016·0	015·8	**015·4**
Mean (Station level)	1021 ·53	1021 ·36	1021 ·18	**1021 ·06**	1021 ·11	1021 ·26	1021 ·37	1021 ·52	1021 ·63	1021 ·61	1021 ·60	1021 ·58	1021 ·58	1021 ·54	1021 ·49	1021 ·36	1021 ·22	1021 ·23	1021 ·31	1021 ·44	1021 ·69	**1021 ·78**	1021 ·77	1021 ·64	1021 ·45
Mean (Sea level)	1023 ·21	1023 ·04	1022 ·86	**1022 ·74**	1022 ·79	1022 ·94	1023 ·05	1023 ·20	1023 ·30	1023 ·28	1023 ·27	1023 ·25	1023 ·25	1023 ·20	1023 ·16	1023 ·02	1022 ·88	1022 ·89	1022 ·97	1023 ·11	1023 ·37	**1023 ·46**	1023 ·45	1023 ·32	1023 ·1
G.M.T. …	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	**Mean**

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1001·7 mb. is written 001·7. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

296. Cahirciveen (Valentia Observatory) : H_b (height of barometer cistern above M.S.L.) = 13·7 metres. **July, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	m b.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb	mb.	mb.	mb.	mb.
1	015·2	014·7	014·2	014·1	013·9	013·8	013·4	013·1	013·0	012·6	012·0	011·8	011·8	011·2	010·7	010·2	009·6	009·1	008·9	008·8	008·8	008·2	007·8	007·1	011·6
2	006·8	006·3	005·9	005·5	005·1	004·9	004·8	004·7	004·6	004·3	004·2	004·1	004·0	003·8	003·6	003·3	003·1	003·5	004·0	004·1	004·7	005·0	005·2	005·2	004·7
3	005·1	005·5	005·6	005·8	006·2	006·8	007·6	007·9	008·5	008·8	009·1	009·4	009·6	009·9	010·2	010·7	011·1	011·3	011·8	012·5	013·4	014·0	014·0	014·2	009·4
4	014·4	014·4	014·1	014·1	014·1	014·4	014·8	014·8	014·9	014·8	015·1	015·1	014·9	014·8	014·7	014·3	013·8	013·8	013·8	013·9	014·1	014·2	014·1	014·2	014·4
5	014·1	014·3	014·2	014·3	014·4	015·1	015·2	015·6	016·0	015·8	015·9	015·8	015·7	015·6	015·5	015·0	014·8	014·5	014·0	013·7	013·2	012·7	011·9	011·2	014·6
6	010·7	010·3	010·2	010·2	010·4	010·8	011·2	011·4	012·2	012·6	013·3	013·4	013·4	013·6	013·8	013·6	013·4	013·5	013·7	014·1	014·3	015·0	015·7	016·1	012·7
7	016·8	017·4	018·2	018·9	019·6	020·5	021·3	022·0	022·8	022·9	023·2	023·9	024·3	024·3	024·4	024·6	024·8	024·9	024·9	024·9	024·8	024·7	025·1	024·7	022·5
8	024·5	024·1	024·0	024·0	023·9	024·2	024·3	024·7	024·8	024·9	024·9	025·6	025·7	025·8	026·0	026·1	026·1	025·9	026·1	026·5	026·8	026·8	027·0	026·9	025·4
9	026·4	026·2	025·9	025·8	025·6	025·9	025·7	025·6	025·3	024·7	024·3	023·7	023·0	022·4	022·0	021·1	020·3	020·2	020·3	020·4	020·7	020·9	021·3	021·3	023·4
10	021·4	021·4	021·5	021·7	022·0	022·2	022·7	023·2	023·9	024·1	024·7	025·2	025·4	025·7	026·2	026·2	026·2	026·6	026·9	027·0	027·5	027·6	027·6	027·7	024·6
11	027·9	027·9	027·8	027·7	027·8	027·9	028·0	028·1	028·2	028·1	027·9	027·7	027·6	027·5	027·3	027·2	027·3	027·3	027·4	027·3	027·5	027·2	027·1	026·9	**027·6**
12	026·7	026·4	026·2	026·0	025·8	026·0	026·2	026·3	026·4	026·4	026·4	026·5	026·6	026·6	026·5	026·5	026·4	026·3	026·4	026·5	026·5	026·5	026·4	026·2	026·4
13	025·9	025·7	025·5	025·4	025·3	025·4	025·3	025·4	025·4	024·9	024·6	024·4	024·1	023·9	023·6	023·3	023·0	022·8	022·6	022·4	022·2	022·3	021·5	021·2	024·1
14	020·9	020·0	019·7	019·0	018·6	018·0	017·7	017·6	017·5	017·2	016·9	016·4	016·2	016·0	015·5	015·0	014·9	014·6	014·7	014·8	015·1	015·7	016·1	016·4	017·0
15	016·6	016·7	016·6	016·7	017·0	017·2	017·4	017·7	018·3	018·4	018·6	018·8	019·0	018·9	018·9	018·7	018·5	018·2	018·5	018·1	017·7	017·2	016·1	016·0	017·7
16	015·1	014·6	013·6	013·0	012·5	012·7	011·6	010·3	010·0	009·6	009·1	008·8	008·7	008·6	008·6	008·8	009·1	009·3	009·7	009·8	010·1	010·3	010·5	010·5	010·7
17	010·4	010·4	010·0	009·8	009·7	009·6	009·2	008·8	008·0	006·7	005·7	004·6	003·2	002·0	001·1	000·0	999·4	998·9	998·5	999·0	999·4	999·5	999·6	999·6	004·5
18	999·5	999·3	998·8	998·3	998·1	998·1	998·2	998·3	998·2	997·9	997·6	997·7	997·5	997·3	996·7	996·2	995·7	995·7	995·5	995·4	995·3	995·0	994·6	994·2	997·2
19	993·4	992·7	991·8	991·3	991·1	990·8	990·4	990·4	990·5	990·6	991·2	991·6	992·0	992·5	993·4	993·9	994·3	995·1	995·9	996·9	998·0	998·5	999·0	999·9	**993·4**
20	000·2	000·5	000·9	001·6	002·2	003·2	003·6	004·7	005·1	006·0	006·6	007·1	007·6	008·1	009·0	009·5	010·0	010·3	010·6	011·4	012·3	012·9	013·2	013·3	006·8
21	013·4	013·7	013·9	014·0	014·6	015·0	015·7	015·9	016·3	016·3	016·4	016·6	016·7	017·1	017·0	017·0	017·0	017·1	017·4	017·4	018·0	018·0	017·6	017·5	016·1
22	017·6	017·2	016·8	016·6	016·4	016·1	015·9	016·1	015·4	015·2	015·4	014·6	014·1	013·5	013·4	012·9	012·2	012·4	012·4	012·2	012·0	012·4	012·3	012·4	014·5
23	011·6	011·6	010·7	011·2	011·5	011·5	011·1	012·2	012·6	012·5	012·5	013·2	013·5	013·3	013·5	013·8	014·3	014·1	014·7	015·0	015·3	015·1	014·9	014·7	013·1
24	014·4	014·6	014·8	014·8	014·7	014·8	015·0	014·9	014·7	014·4	014·4	014·4	014·4	014·2	014·0	014·0	014·0	014·1	014·1	014·4	014·3	014·3	014·1	014·4	014·4
25	014·3	014·0	013·4	013·3	013·1	012·8	012·5	012·6	012·5	012·4	012·0	012·0	011·0	010·0	009·6	008·8	007·7	006·9	006·3	006·4	006·5	006·6	006·4	006·2	010·5
26	006·1	006·1	005·7	005·4	005·1	005·0	004·9	004·9	004·7	004·6	004·6	004·8	004·6	004·8	005·0	005·0	005·2	005·4	005·7	006·0	006·4	006·7	007·0	006·9	005·4
27	006·5	006·4	006·5	006·5	006·3	006·4	006·6	006·9	007·1	007·1	007·3	007·3	007·8	008·1	008·4	008·4	008·5	008·6	008·6	008·7	009·1	009·0	009·2	009·0	007·6
28	008·8	008·7	008·6	008·4	008·5	008·7	008·7	008·8	009·1	009·2	009·3	009·4	009·6	009·9	009·8	009·5	009·4	009·2	009·1	009·1	009·0	008·8	008·5	008·3	009·0
29	007·9	007·5	007·2	007·0	006·7	006·6	006·6	006·7	007·2	007·2	007·2	007·1	007·1	007·2	007·3	007·1	006·9	007·0	007·1	007·8	008·4	008·6	008·8	008·9	007·4
30	009·0	008·9	008·8	008·8	008·8	009·0	009·1	009·2	009·3	009·3	009·3	009·1	008·7	008·3	007·8	007·1	006·2	005·3	004·7	003·9	003·2	002·1	001·4	000·7	007·2
31	000·5	001·0	001·5	002·3	003·4	004·6	006·1	007·2	008·3	009·1	010·4	010·6	011·6	012·1	012·7	012·9	013·0	013·3	013·4	013·7	014·0	014·1	014·3	014·2	009·1
Mean (Station level)	1012·97	1012·85	1012·66	**1012·63**	1012·66	1012·84	1012·93	1013·10	**1013·25**	1013·18	1013·23	1013·25	1013·21	1013·13	1013·10	1012·93	1012·78	1012·75	1012·83	1012·97	1013·18	1013·22	1013·17	1013·10	1013·00
Mean (Sea level)	1014·63	1014·51	1014·32	**1014·29**	1014·32	1014·50	1014·59	1014·75	**1014·90**	1014·83	1014·88	1014·90	1014·86	1014·78	1014·75	1014·58	1014·43	1014·40	1014·48	1014·62	1014·83	1014·88	1014·83	1014·76	1014·65

297. Cahirciveen (Valentia Observatory) : H_b = 13·7 metres. **August, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	014·1	013·9	013·7	013·4	013·0	012·5	012·8	012·9	013·0	012·6	012·7	012·8	012·8	012·9	013·1	013·1	013·2	013·6	014·1	014·8	015·2	015·7	015·9	016·0	013·6
2	016·1	016·2	016·2	016·3	016·6	017·1	017·3	017·6	018·1	018·2	018·4	018·6	018·6	018·6	018·6	018·3	017·9	017·5	017·4	016·7	016·2	015·9	015·6	014·7	017·2
3	014·1	012·9	012·2	011·6	011·3	011·3	011·5	011·8	012·1	012·6	012·4	012·5	012·6	012·5	012·5	012·5	012·5	012·4	012·3	012·1	012·1	012·0	011·7	011·4	012·3
4	011·5	011·0	010·4	010·0	009·6	009·5	009·3	009·2	008·6	007·8	007·3	007·2	006·8	006·4	005·4	005·0	004·6	004·2	004·0	003·5	003·5	003·0	002·3	001·9	006·9
5	001·1	000·4	000·2	999·7	999·3	999·1	998·1	998·3	998·7	998·6	998·2	998·9	999·5	000·2	001·0	001·3	001·5	002·0	002·4	003·3	003·9	004·1	004·1	004·2	000·7
6	004·2	004·3	004·4	004·6	004·7	005·1	005·7	006·1	006·3	006·5	006·8	007·1	007·4	007·7	007·9	007·8	007·6	007·2	006·6	006·0	005·4	004·8	004·1	003·7	005·9
7	003·2	003·0	002·6	002·8	003·0	003·7	004·7	005·8	006·5	007·1	007·6	008·1	008·4	008·7	009·1	009·3	009·4	009·6	010·0	010·3	010·7	010·8	011·0	011·0	007·2
8	010·9	010·8	011·0	010·8	010·6	010·6	010·8	010·7	010·9	010·4	010·1	009·5	008·2	007·2	006·1	004·1	002·9	002·3	001·5	000·7	000·2	999·8	999·4	999·5	006·9
9	999·3	999·2	999·6	999·8	000·6	001·8	002·5	003·3	003·9	004·5	005·0	005·6	005·6	005·8	005·9	006·0	005·9	005·7	005·7	006·0	006·1	006·4	006·2	006·1	003·9
10	006·2	006·0	005·8	006·0	006·0	006·2	006·4	006·9	007·2	007·5	007·5	007·6	007·9	008·0	008·4	008·9	009·2	009·7	010·2	010·8	011·4	011·6	011·7	012·0	008·2
11	012·0	011·9	012·0	011·9	011·8	012·0	012·1	012·3	012·5	012·4	012·2	012·1	011·9	011·9	011·7	010·8	009·9	009·0	007·9	007·3	007·0	006·3	005·2	004·9	010·5
12	005·0	005·2	005·1	005·1	005·0	005·0	005·1	005·1	005·3	005·4	006·0	005·9	005·9	006·0	006·0	006·0	006·1	006·1	006·2	006·5	007·0	007·3	007·8	008·3	005·9
13	008·7	009·1	009·7	010·2	011·0	011·9	012·7	013·8	014·6	015·3	015·8	016·4	017·0	017·5	017·9	018·3	018·9	019·4	020·0	020·8	021·8	022·1	022·2	022·5	015·9
14	022·7	022·8	023·4	023·5	023·6	024·1	024·6	025·1	025·4	025·6	025·6	026·0	026·0	026·0	026·0	026·1	026·2	026·6	026·9	027·1	027·4	027·5	027·4	027·6	025·4
15	027·3	027·3	027·1	027·1	027·1	027·2	027·3	027·3	027·4	027·4	027·1	026·9	026·8	026·4	026·1	026·1	026·2	026·1	026·0	026·2	026·6	026·6	026·1	026·0	026·8
16	025·7	025·5	025·6	025·5	025·3	025·4	025·5	025·4	025·0	024·5	024·0	023·7	023·7	023·8	023·3	023·1	022·6	022·6	022·2	022·0	021·9	021·9	021·6	021·4	023·9
17	020·8	020·0	019·8	019·5	019·0	017·9	017·9	017·8	017·8	017·3	017·2	016·6	016·4	016·0	015·4	015·0	014·8	014·5	014·1	014·2	014·2	014·3	013·8	013·5	016·7
18	013·2	012·4	012·1	011·6	011·4	011·4	011·6	011·6	011·6	011·6	011·2	010·9	010·7	010·4	010·2	010·0	009·7	009·5	009·5	009·6	009·9	010·2	010·4	010·3	010·9
19	009·9	009·6	009·3	009·1	009·1	009·3	009·8	009·9	010·2	010·4	010·5	010·8	011·0	011·2	011·4	011·4	011·3	011·4	011·5	011·4	011·7	011·7	011·6	011·7	010·6
20	011·4	011·1	010·9	010·5	010·0	009·6	009·2	009·1	008·7	008·3	007·8	006·9	006·1	005·7	004·7	003·7	002·8	002·0	000·3	999·6	999·2	998·3	997·5	997·2	005·7
21	996·4	995·8	995·2	994·7	994·1	994·0	994·1	994·1	994·1	994·6	994·9	995·1	995·3	995·8	995·9	996·2	996·4	997·0	997·8	998·6	999·5	000·1	000·8	001·4	996·2
22	002·1	002·1	002·2	002·5	002·9	003·1	003·3	003·4	003·4	003·6	003·7	003·6	003·5	003·2	002·9	002·5	002·3	002·0	001·7	001·5	001·0	000·7	000·6	000·5	002·4
23	000·0	999·4	999·3	999·3	999·3	999·5	000·1	000·6	001·3	002·0	002·9	003·6	004·0	004·6	004·8	005·4	005·7	006·6	007·6	008·2	008·7	008·8	009·1	009·9	003·6
24	010·1	010·3	010·7	010·7	010·9	011·4	011·7	012·1	012·6	012·5	012·2	012·5	012·5	012·6	012·6	012·8	012·9	013·2	013·4	013·8	014·6	014·7	015·1	015·0	012·4
25	015·1	015·0	015·1	014·8	014·9	015·4	015·7	015·7	015·6	015·4	015·0	015·2	015·5	015·1	014·0	013·4	012·9	012·8	012·7	012·8	012·8	012·5	012·0	011·9	014·3
26	011·5	011·0	010·8	010·7	010·3	010·5	010·5	010·6	010·9	011·3	011·7	012·3	012·8	013·3	013·5	013·6	013·7	013·8	013·9	014·1	014·2	014·1	013·8	013·5	012·3
27	013·5	013·5	013·7	013·7	013·8	014·0	014·1	014·9	015·5	015·7	015·9	016·2	016·5	016·7	016·6	016·6	016·5	016·5	016·6	016·9	017·6	017·9	018·3	018·8	015·7
28	018·9	019·1	019·3	019·2	019·1	019·2	019·5	019·8	020·3	020·8	021·1	021·2	021·4	021·8	021·8	021·9	022·0	022·4	022·8	023·0	023·5	023·5	023·7	023·9	021·1
29	023·8	023·9	024·0	024·1	024·1	024·4	024·7	025·4	025·7	026·4	026·6	026·8	027·5	027·6	027·8	027·8	027·9	027·9	028·2	028·5	028·8	029·5	029·2	029·1	026·5
30	028·7	029·0	028·8	028·6	028·4	028·4	028·7	028·8	029·0	029·0	028·9	028·8	028·7	028·7	028·6	028·2	027·8	027·9	028·1	028·6	028·7	028·8	028·9	028·8	028·7
31	028·8	028·7	028·3	027·9	027·8	027·8	027·9	027·8	027·8	027·8	027·4	027·4	027·1	026·7	026·2	025·9	025·4	025·0	024·9	025·0	024·8	024·2	024·0	023·6	026·7
Mean (Station level)	1012·46	1012·27	1012·21	1012·10	**1012·03**	1012·21	1012·43	1012·68	1012·90	1013·00	1013·02	1013·12	1013·16	**1013·19**	1013·08	1012·94	1012·80	1012·79	1012·79	1012·90	1013·08	1013·07	1012·94	1012·91	1012·75
Mean (Sea level)	1014·12	1013·93	1013·87	1013·76	**1013·71**	1013·87	1014·09	1014·33	1014·55	1014·65	1014·66	1014·76	1014·80	**1014·83**	1014·72	1014·58	1014·44	1014·44	1014·44	1014·55	1014·73	1014·72	1014·60	1014·57	1014·40
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1001·7 mb. is written 001·7. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

298. Cahirciveen (Valentia Observatory) : Hb (height of barometer cistern above M.S.L.) = 13·7 metres. **September, 1925.**

Station Level

Day.	1.	2.	3	4	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	023·1	022·8	022·3	021·8	021·3	021·2	021·3	021·6	021·7	021·7	021·9	022·0	022·0	021·8	022·1	022·0	022·0	022·4	022·7	022·9	023·5	023·6	024·0	024·1	022·3
2	024·0	024·0	024·0	024·1	023·9	024·2	024·4	024·7	024·9	025·1	025·0	025·0	025·2	024·9	024·3	023·7	023·3	022·7	022·1	022·2	022·1	021·8	021·5	021·1	023·7
3	020·6	019·9	019·6	019·4	018·8	018·9	019·0	019·2	019·4	019·5	019·8	020·2	020·2	020·6	020·8	020·9	021·4	021·5	022·0	022·7	023·2	023·4	023·6	023·7	020·7
4	023·5	023·4	023·3	023·3	023·4	023·5	023·5	023·8	024·0	024·1	024·1	024·1	024·2	024·0	023·9	024·0	024·0	024·1	023·9	024·1	024·2	024·3	024·1	023·6	023·9
5	023·1	022·5	022·1	021·4	020·9	020·6	020·1	019·8	019·6	019·2	018·9	018·4	018·4	018·4	018·1	017·8	017·9	018·1	018·1	018·4	018·8	019·1	019·2	019·5	019·6
6	019·6	019·6	019·6	019·7	019·8	020·3	020·7	021·5	021·7	022·1	022·3	022·6	023·0	023·2	023·3	023·5	023·7	023·9	024·2	024·8	025·0	025·2	025·4	025·5	022·4
7	025·5	025·4	025·2	025·2	025·2	025·3	025·4	025·4	025·5	025·6	025·5	025·4	025·2	025·0	024·6	024·3	024·0	023·7	023·4	023·5	023·5	023·0	022·7	022·5	024·6
8	022·1	021·7	021·4	020·7	020·6	020·6	020·5	020·4	020·4	020·3	020·2	020·1	020·1	020·0	020·0	019·5	019·1	019·0	018·9	018·9	018·9	018·6	018·4	018·0	020·0
9	017·3	016·7	016·1	015·4	015·1	014·5	014·3	014·2	014·1	013·9	014·0	013·8	013·5	013·4	013·7	014·1	014·2	014·6	015·3	015·8	016·4	016·5	016·9	017·0	015·1
10	017·1	017·0	017·0	016·8	016·9	017·0	017·6	018·2	018·4	018·6	018·9	018·9	018·7	018·7	018·6	018·6	018·6	018·7	018·8	019·1	019·2	019·5	019·8	020·2	018·3
11	020·4	020·4	020·3	020·3	020·5	020·9	021·3	021·7	021·9	022·3	022·5	022·9	022·8	022·8	022·7	022·5	022·4	022·4	022·7	023·1	023·5	023·6	023·7	023·6	022·1
12	023·4	023·1	022·7	022·5	022·6	022·8	023·2	023·5	023·5	023·6	023·6	023·8	023·8	023·6	023·4	023·4	023·4	023·4	023·7	024·1	024·5	024·4	024·3	024·3	023·5
13	024·3	024·0	023·8	023·5	023·6	023·8	023·9	024·2	024·8	024·9	025·0	024·8	024·7	024·6	024·3	024·3	024·5	024·3	024·4	024·6	024·5	024·7	024·4	024·3	024·3
14	023·9	023·8	023·8	023·3	022·9	023·0	023·1	022·9	022·8	022·4	021·6	021·1	020·5	019·7	019·3	018·8	017·9	017·0	016·5	015·9	015·4	014·4	013·6	012·5	020·1
15	011·5	010·5	009·5	008·3	007·6	006·8	006·0	004·6	004·2	003·2	002·2	000·4	999·5	998·6	998·2	999·2	000·9	001·3	002·3	003·7	005·4	006·5	007·1	007·5	004·5
16	008·0	008·3	008·5	008·8	009·2	009·8	010·6	010·9	011·3	011·7	011·6	011·6	011·4	011·2	011·0	010·7	010·4	010·2	009·9	010·1	009·8	009·3	008·8	007·7	010·0
17	007·2	006·3	005·2	004·5	003·8	003·3	003·4	003·6	004·2	004·7	005·9	006·4	006·8	007·6	008·3	008·8	009·3	009·9	010·4	010·9	011·4	011·6	011·8	011·9	007·3
18	011·8	011·7	011·5	011·3	011·2	011·0	011·1	010·9	011·1	010·9	011·1	010·9	010·5	009·9	009·4	008·8	007·9	007·5	006·8	006·2	005·9	005·2	004·5	003·6	009·4
19	002·7	001·7	000·7	999·4	998·2	997·3	996·5	995·9	996·1	994·7	993·8	993·3	992·8	992·2	991·8	991·5	991·5	991·6	992·4	993·2	993·8	994·3	994·7	995·0	995·4
20	995·1	995·1	995·0	995·1	995·1	995·2	995·4	995·6	996·0	996·3	996·4	996·5	996·4	996·3	996·2	996·5	996·5	996·6	996·9	997·0	997·6	997·5	997·8	998·1	996·2
21	998·0	997·8	998·0	998·1	998·4	999·1	999·8	000·6	001·3	001·6	001·9	001·9	001·8	001·5	001·2	001·1	000·4	999·9	999·4	998·4	997·2	995·7	994·1	991·3	999·2
22	989·2	987·9	987·8	987·1	986·2	985·5	985·5	984·1	984·0	983·6	983·0	982·8	982·9	983·1	983·5	984·4	985·5	987·0	988·7	990·7	992·5	993·9	994·7	995·3	**987·0**
23	995·9	996·2	996·5	997·3	998·3	999·6	000·9	002·2	003·5	004·4	005·3	005·9	006·7	007·3	007·7	008·1	008·5	009·1	009·9	010·6	011·2	011·5	011·6	011·8	004·6
24	011·8	011·9	012·1	012·3	013·0	013·5	014·2	014·6	015·1	015·5	015·6	015·4	015·0	015·1	014·9	014·7	014·8	014·3	013·9	013·3	013·0	012·5	012·4	011·9	013·8
25	010·8	010·1	009·3	008·5	008·4	008·3	008·5	008·7	009·0	009·4	009·8	010·2	010·9	011·5	012·2	012·6	013·4	014·2	015·2	016·1	017·3	017·9	018·5	018·8	011·9
26	019·2	019·7	019·8	020·3	020·8	021·3	021·7	022·4	023·2	023·7	024·1	024·7	024·7	024·8	025·1	025·2	025·8	026·3	026·7	027·3	027·7	028·0	028·0	027·6	023·9
27	027·4	027·4	027·3	027·3	027·2	027·2	027·4	027·7	027·6	027·5	027·6	027·4	027·1	026·9	026·0	026·0	025·3	025·2	025·3	025·2	024·9	024·9	025·0	024·7	**026·5**
28	024·6	024·5	024·1	024·0	023·8	023·7	024·0	024·3	024·5	024·8	024·6	024·1	024·0	023·5	023·0	022·8	022·4	022·5	022·5	022·4	022·2	021·7	021·6	021·2	023·4
29	020·8	020·3	019·9	019·6	019·5	019·4	019·6	019·7	019·9	019·7	020·0	020·0	019·8	019·7	019·8	019·8	020·1	020·1	020·4	020·8	021·1	021·4	021·4	021·5	020·2
30	021·8	022·0	022·0	022·1	022·6	023·1	023·8	024·4	024·9	025·5	026·0	026·1	026·8	027·0	027·1	027·3	027·6	027·9	027·8	028·3	029·1	029·6	029·9	029·9	025·8
Mean (Station level)	1015·46	1015·19	1014·95	1014·71	**1014·63**	1014·69	1014·89	1015·04	1015·29	1015·35	1015·41	1015·36	1015·31	1015·23	1015·15	1015·16	1015·22	1015·31	1015·51	1015·81	1016·09	**1016·12**	1016·12	1015·92	1015·33
Mean (Sea level)	1017·14	1016·87	1016·62	1016·38	**1016·30**	1016·36	1016·56	1016·70	1016·96	1017·02	1017·08	1017·03	1016·97	1016·88	1016·81	1016·82	1016·88	1016·98	1017·18	1017·48	1017·77	**1017·80**	1017·80	1017·60	1017·00

299. Cahirciveen (Valentia Observatory) : Hb = 13·7 metres. **October, 1925.**

Station Level

Day.	1.	2.	3.	4	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	029·9	030·2	030·4	030·4	030·4	030·6	031·0	031·2	031·5	032·0	031·9	031·7	031·7	031·4	031·4	030·9	031·2	031·4	031·5	031·7	032·0	031·9	031·9	031·7	031·2
2	031·4	031·5	031·4	031·2	031·2	031·2	031·5	031·8	031·9	031·7	031·8	031·6	031·5	031·5	031·2	031·0	031·0	030·7	030·8	030·8	030·9	030·8	030·7	030·5	**031·3**
3	030·5	030·5	030·0	029·7	029·7	029·8	029·9	030·0	030·2	030·1	030·2	030·1	030·0	029·6	029·2	029·0	028·7	028·7	028·7	028·8	028·7	028·7	028·5	028·4	029·5
4	028·5	028·2	028·0	027·8	027·8	027·7	027·8	028·2	028·3	028·5	028·5	028·4	028·1	028·0	028·0	028·0	028·1	028·2	028·5	028·6	028·5	028·4	028·4	028·5	028·2
5	028·5	028·3	028·2	027·9	028·0	027·8	027·9	028·2	028·2	028·0	027·6	027·3	027·1	027·0	026·5	026·3	026·2	026·2	026·3	026·3	026·2	026·1	026·0	025·6	027·2
6	025·0	024·5	024·0	023·8	023·4	023·2	023·4	023·5	023·5	023·4	023·0	022·9	022·6	022·2	021·6	021·5	021·5	021·4	021·4	021·4	021·4	021·4	021·2	021·1	022·7
7	020·8	020·6	020·4	020·5	020·5	020·7	021·0	021·2	021·3	021·4	021·5	021·7	021·6	021·9	022·3	022·2	022·8	023·3	023·8	024·6	024·8	025·3	025·9	025·6	022·2
8	025·6	026·1	026·4	026·5	026·7	027·0	027·5	028·0	028·6	028·6	028·6	028·5	028·2	028·4	028·3	028·7	029·2	029·8	030·1	030·3	031·2	031·4	031·5	031·6	028·5
9	031·7	031·8	031·7	031·3	031·6	031·6	032·0	031·9	032·1	032·1	031·9	031·5	031·2	030·8	030·5	030·3	030·3	030·6	030·8	030·5	030·4	030·5	030·3	030·1	031·2
10	029·8	029·4	028·7	028·2	027·3	027·5	027·2	027·2	027·2	026·9	026·6	026·3	025·9	025·0	024·8	024·4	024·1	024·1	024·2	024·1	024·1	023·8	023·4	023·2	026·1
11	023·1	022·8	022·4	022·1	022·0	022·0	021·9	022·1	022·2	021·9	022·1	021·5	021·1	020·5	020·3	020·0	019·8	020·1	020·1	020·2	020·2	020·2	020·2	020·4	021·3
12	020·4	020·3	020·1	019·7	019·8	019·8	019·8	019·9	020·0	020·0	019·9	019·7	019·5	019·1	019·0	018·9	018·8	019·1	019·1	019·2	019·0	018·9	018·7	018·6	019·5
13	018·1	017·7	017·2	017·0	016·6	016·4	016·3	016·3	016·2	015·8	015·5	015·1	015·2	014·9	014·8	014·4	014·5	014·7	014·8	014·6	014·7	014·7	014·9	015·0	015·7
14	015·1	015·2	015·4	015·6	016·2	016·7	017·2	018·0	018·5	018·8	019·0	019·2	019·2	019·0	019·0	018·9	018·7	018·9	019·0	019·1	019·1	019·0	018·9	018·6	017·9
15	018·2	017·7	017·3	017·2	016·7	016·6	016·8	017·0	017·2	017·2	017·0	016·8	016·5	015·7	015·4	015·2	015·1	015·0	014·9	014·5	014·3	014·2	014·2	013·9	016·1
16	013·9	013·6	013·3	013·4	013·4	013·6	013·5	013·8	014·4	014·4	014·2	014·1	014·4	014·1	014·1	014·1	014·0	013·9	014·0	014·0	014·0	013·7	013·8	013·7	013·9
17	013·5	013·2	012·7	012·0	012·4	012·4	012·4	012·5	013·1	013·2	013·0	013·1	013·1	013·1	013·2	013·2	013·3	013·5	013·9	013·9	013·8	013·7	013·6	013·5	013·1
18	013·1	013·2	012·9	012·6	012·4	012·2	012·2	012·1	012·1	012·0	011·6	011·5	011·1	010·6	010·3	010·1	009·9	009·7	009·6	009·5	009·6	009·1	008·5	008·3	011·1
19	008·0	007·5	007·2	006·5	006·4	006·3	005·9	005·7	005·5	003·9	003·0	002·2	001·3	000·7	999·9	999·3	998·9	998·8	998·8	998·3	998·5	998·6	998·5	998·3	002·6
20	997·7	997·2	997·0	996·3	995·6	995·0	994·5	994·1	993·9	993·6	993·4	993·4	993·2	993·1	993·0	992·8	992·4	992·4	992·1	991·2	990·6	990·0	989·5	988·9	993·6
21	988·1	987·7	987·5	987·4	987·3	987·1	986·7	986·2	985·8	985·1	984·5	984·1	983·4	982·1	982·3	981·4	980·5	980·0	979·1	978·4	978·1	977·5	976·3	975·3	983·3
22	974·5	973·5	972·4	971·4	971·0	970·9	971·0	971·2	971·2	970·8	970·6	970·0	969·3	968·5	967·9	967·5	967·2	967·3	967·5	967·3	967·2	967·3	967·7	967·8	**969·8**
23	967·9	968·3	968·3	968·5	969·1	969·1	969·6	970·1	970·5	971·0	971·8	972·3	972·8	973·2	974·1	974·7	975·3	976·5	977·3	978·2	979·0	979·7	980·0	980·3	973·0
24	980·5	980·4	980·5	980·5	980·6	980·7	980·7	980·9	981·0	980·9	980·6	980·2	980·5	980·3	980·6	980·6	982·3	983·5	984·7	985·8	986·9	987·5	988·7	990·1	982·3
25	992·2	993·6	994·9	996·3	997·3	998·4	999·0	999·9	000·5	000·7	000·8	000·8	000·5	000·1	999·6	999·0	998·3	997·1	996·3	996·1	997·0	997·3	996·8	996·3	997·7
26	996·0	994·7	993·0	990·6	987·7	986·5	984·5	984·5	986·1	986·8	987·6	988·3	987·8	987·4	986·8	986·0	985·3	985·2	984·8	984·6	984·0	984·0	984·3	985·0	987·4
27	985·6	986·1	986·5	986·6	987·2	988·1	989·9	991·7	993·8	995·3	996·8	998·3	999·6	000·7	001·6	002·7	003·6	004·6	005·6	006·7	007·5	007·6	007·9	008·2	997·1
28	008·4	008·5	008·3	008·1	008·0	007·5	007·2	006·6	006·3	005·2	004·0	002·6	001·2	000·0	000·2	000·0	999·8	999·7	999·8	000·0	000·8	001·0	001·0	001·0	003·7
29	000·7	000·5	999·5	998·3	997·4	995·7	994·5	993·5	992·3	991·0	989·9	988·6	988·2	987·1	987·3	988·0	988·5	988·6	988·8	988·7	988·8	988·3	987·9	987·4	991·9
30	987·1	986·8	986·2	986·1	986·2	986·4	986·6	987·3	987·8	988·1	988·6	988·7	988·9	989·1	989·4	989·7	990·1	990·9	991·6	992·1	992·8	993·1	993·4	994·1	989·1
31	994·7	995·4	995·6	996·3	997·1	997·8	998·4	999·3	999·9	000·3	001·1	001·1	001·4	001·4	001·4	001·3	001·2	000·6	999·9	999·5	999·1	998·4	997·5	996·6	998·9
Mean (Station	**1009·63**	1009·52	1009·27	1009·03	1008·95	1008·91	1008·96	1009·16	1009·39	1009·31	1009·25	1009·08	1008·91	1008·60	1008·52	**1008·39**	1008·41	1008·53	1008·64	1008·68	1008·81	1008·78	1008·71	1008·63	1008·94
Mean (Sea level)	**1011·30**	1011·19	1010·94	1010·69	1010·61	1010·57	1010·62	1010·83	1011·06	1010·97	1010·91	1010·73	1010·56	1010·25	1010·17	**1010·04**	1010·06	1010·18	1010·29	1010·33	1010·47	1010·44	1010·37	1010·29	1010·60
G.M.T. ...	1.	2.	3.	4	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

300. Cahirciveen (Valentia Observatory) : H_b (height of barometer cistern above M.S.L.) = 13·7 metres. **November, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Station Level 1	995·5	994·6	994·8	993·9	992·3	990·4	988·5	987·0	986·3	985·4	985·2	985·9	985·6	985·6	986·1	986·6	986·5	986·7	986·8	986·8	987·1	987·5	988·3	988·9	988·6
2	988·8	988·4	988·1	988·3	989·8	991·2	992·0	992·6	993·5	994·1	995·1	995·5	995·4	995·4	995·5	995·5	995·5	995·1	995·0	994·9	994·5	994·3	994·0	993·7	993·1
3	993·5	993·2	993·2	993·3	993·5	993·5	993·9	994·3	995·1	995·6	996·4	996·9	997·3	998·0	998·6	999·5	000·4	001·2	001·7	002·2	002·7	003·3	003·8	004·3	997·5
4	004·3	004·3	004·7	004·2	004·2	003·9	003·4	003·4	003·3	003·2	003·4	003·9	004·2	004·4	004·9	005·3	005·9	006·4	007·0	007·4	007·7	008·2	008·5	008·5	005·1
5	008·6	008·5	008·5	008·6	008·7	009·1	009·4	009·9	010·6	011·0	011·5	011·7	012·0	012·5	012·8	013·4	013·9	014·5	015·2	015·4	015·8	016·3	016·4	016·4	011·9
6	016·5	016·2	016·1	015·2	014·8	014·0	013·2	012·4	011·1	010·0	009·2	007·3	004·3	002·4	998·7	996·2	993·6	990·4	988·0	987·1	987·9	987·5	987·4	986·9	003·4
7	986·3	986·0	985·6	984·9	984·2	983·3	982·5	982·0	981·7	981·2	980·8	980·3	980·0	979·5	979·4	979·2	979·3	979·6	979·9	980·5	981·4	982·5	983·6	984·9	**982·1**
8	986·1	987·7	988·8	990·1	990·9	992·5	993·6	995·1	996·2	997·2	998·5	999·6	000·4	001·0	001·7	002·9	003·9	004·9	005·7	006·1	006·4	006·5	006·7	007·2	998·3
9	007·4	007·4	007·3	007·0	006·9	007·5	007·7	007·9	008·3	008·2	008·1	008·0	007·8	007·0	006·6	006·3	005·8	005·9	005·8	005·7	005·3	005·2	005·2	005·3	006·9
10	005·2	005·2	005·5	005·8	006·5	007·6	009·0	010·6	012·3	013·1	014·7	015·2	015·6	016·7	017·7	018·4	019·0	020·0	020·8	021·6	022·1	022·8	023·1	024·2	014·3
11	024·5	024·6	024·7	024·8	025·2	025·6	026·5	027·4	028·1	028·3	028·4	028·6	028·4	028·4	028·4	028·6	029·0	029·4	029·8	030·0	030·1	029·9	029·8	029·6	027·7
12	029·1	028·9	028·6	028·3	027·8	027·5	027·2	026·9	026·6	026·3	026·0	025·9	025·2	024·9	024·6	023·9	023·9	023·6	023·5	023·2	022·9	022·4	022·2	022·2	025·6
13	021·5	020·9	020·3	019·7	019·3	019·2	018·9	018·8	018·9	018·5	018·3	017·8	017·2	016·7	016·1	016·1	015·9	015·6	015·3	015·3	015·1	015·1	015·0	014·8	017·7
14	014·3	014·1	013·5	013·0	012·8	012·4	012·3	012·1	012·2	012·2	012·1	011·8	011·4	011·0	010·6	010·4	010·1	009·8	009·8	009·7	009·5	009·3	009·1	008·7	011·5
15	008·4	007·6	006·8	006·6	006·7	006·9	007·6	008·3	008·9	009·1	009·4	009·8	009·6	009·7	010·2	010·4	010·7	011·7	012·2	013·0	013·5	014·2	015·1	015·6	009·9
16	015·9	016·4	016·6	017·4	018·0	018·4	018·9	019·2	020·3	020·5	020·6	020·6	020·4	020·3	020·4	020·8	020·9	021·1	021·2	021·6	021·7	021·8	021·6	021·0	019·7
17	021·2	020·7	020·6	020·6	020·7	021·0	021·7	022·0	022·4	022·8	022·7	022·5	022·5	022·4	022·4	022·6	023·1	023·7	024·1	024·6	024·6	025·2	025·3	025·5	022·6
18	025·6	026·0	026·1	026·0	026·3	026·6	027·2	027·7	028·4	028·8	029·5	029·3	029·3	029·5	029·8	030·0	030·1	030·7	031·2	031·4	031·4	031·3	031·4	031·5	028·8
19	031·1	031·2	031·6	031·6	031·6	031·6	031·7	031·8	032·6	032·5	032·5	032·2	032·0	031·7	031·7	031·8	031·9	031·9	032·0	032·0	032·0	031·9	031·9	031·8	**031·9**
20	032·0	031·7	031·4	031·0	030·8	030·8	031·1	031·5	031·7	031·4	031·1	030·8	030·2	029·8	029·8	029·6	029·7	029·2	029·0	028·8	028·8	028·5	028·2	028·0	030·3
21	027·3	026·7	025·8	025·6	025·2	024·6	024·6	024·5	024·5	024·1	023·6	023·0	022·3	021·3	020·9	020·5	020·3	020·3	020·1	019·8	019·4	019·0	018·6	018·3	022·7
22	017·8	017·4	016·9	016·5	016·3	015·9	016·1	016·3	016·6	016·6	016·8	016·3	016·3	016·1	016·1	016·0	016·1	016·2	016·3	016·4	016·7	016·8	016·9	017·2	016·5
23	017·3	017·5	017·7	017·8	017·8	018·1	018·5	019·2	020·1	020·5	020·7	020·7	020·8	021·0	021·0	021·6	022·1	022·8	023·3	023·7	024·2	024·3	024·7	024·9	020·7
24	024·9	024·8	025·0	025·1	025·0	025·0	025·6	025·8	025·9	026·0	026·2	025·7	025·3	024·8	024·6	024·6	024·3	024·2	024·2	024·1	023·7	023·6	023·7	023·7	024·9
25	023·0	022·6	022·3	021·8	021·5	021·3	021·6	022·3	022·7	023·2	023·3	023·2	023·2	022·7	023·2	023·2	023·4	023·6	023·3	022·8	022·6	022·1	021·5	020·5	022·6
26	019·7	018·7	017·8	017·3	016·4	016·0	015·9	016·2	016·5	017·0	017·4	017·1	017·3	017·2	017·9	018·4	018·6	019·0	019·6	019·7	019·7	019·2	019·3	019·3	018·0
27	019·0	018·8	018·7	018·2	017·4	016·8	016·4	015·8	015·7	016·5	017·3	017·4	017·8	018·4	018·7	018·9	019·6	019·8	019·7	019·5	019·7	019·6	019·6	019·5	018·3
28	019·1	018·7	018·0	017·4	016·7	016·0	015·4	015·1	015·0	014·4	014·6	014·4	014·4	014·5	014·8	015·2	015·6	016·1	016·5	016·7	016·8	016·7	016·6	016·6	016·1
29	016·3	015·8	015·6	015·4	015·2	015·0	015·0	015·1	015·0	014·6	014·2	013·2	012·6	012·2	011·4	010·9	010·1	009·4	008·5	007·7	006·9	006·0	005·3	004·7	011·9
30	003·9	003·4	002·9	002·2	001·8	001·5	001·5	001·6	002·4	002·2	002·3	002·6	003·3	003·7	004·3	004·7	005·0	005·6	006·0	006·1	007·0	007·1	007·5	008·3	004·0
Mean (Station level)	1013·47	1013·27	1013·12	1012·92	1012·81	**1012·77**	1012·90	1013·09	1013·43	1013·48	1013·66	1013·57	1013·40	1013·29	1013·30	1013·38	1013·47	1013·61	1013·72	1013·79	1013·91	1013·94	1014·01	**1014·07**	1013·42
Mean (Sea level)	1015·16	1014·97	1014·82	1014·62	1014·50	**1014·46**	1014·60	1014·79	1015·12	1015·17	1015·35	1015·25	1015·08	1014·97	0114·98	1015·07	1015·16	1015·30	1015·41	1015·48	1015·60	1015·63	015·70	**1015·75**	1015·11

301. Cahirciveen (Valentia Observatory) : H_b = 13·7 metres. **December, 1925.**

	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Station Level 1	009·0	009·6	010·4	011·4	012·2	012·9	013·7	014·8	015·9	016·4	017·3	017·4	017·4	017·7	017·9	018·2	018·8	019·2	019·8	019·9	020·4	020·5	020·5	020·6	016·1
2	020·7	020·8	021·0	021·0	021·1	021·3	021·7	022·1	022·7	023·0	023·4	023·3	023·1	023·1	023·2	023·4	023·7	024·0	024·4	024·7	025·0	025·1	025·4	025·5	022·9
3	025·2	025·4	025·4	025·2	025·2	025·1	025·2	025·3	025·4	025·4	025·4	025·2	024·5	024·1	023·9	023·3	023·5	023·7	023·2	022·7	022·7	022·6	022·4	022·3	024·3
4	021·4	020·8	020·8	020·8	020·4	020·5	020·7	020·7	020·8	020·9	021·0	020·7	020·2	019·6	019·5	019·5	019·3	019·1	018·6	018·2	018·0	017·6	017·1	016·7	019·8
5	015·9	015·6	015·2	014·4	013·6	012·9	013·0	012·6	012·2	011·9	011·7	011·5	011·5	011·4	011·3	011·0	011·1	011·1	011·0	010·7	011·0	010·8	010·4	010·0	012·3
6	009·9	010·1	009·3	008·8	008·1	007·6	007·6	007·5	007·1	006·5	006·4	005·9	004·5	003·9	003·7	003·6	003·7	003·6	003·7	003·5	003·2	002·5	002·0	001·4	005·8
7	000·9	000·2	999·2	998·4	997·0	996·2	995·5	995·1	994·8	994·3	993·5	992·8	992·1	991·5	991·3	991·4	991·3	991·1	990·4	990·2	989·6	989·4	989·5	989·5	993·8
8	989·5	989·2	989·3	989·2	989·0	988·8	989·5	990·2	990·8	991·2	991·9	992·0	991·8	992·3	992·4	993·2	994·0	994·2	994·7	995·9	996·6	997·4	998·2	998·7	992·3
9	999·3	999·5	999·7	999·7	999·9	000·2	000·6	001·3	002·1	003·0	003·4	003·9	004·0	004·2	004·3	005·2	005·6	005·9	006·3	006·7	006·9	007·2	007·5	008·0	003·3
10	008·1	008·2	008·7	008·8	009·1	009·2	009·6	010·0	011·1	011·2	011·6	011·4	011·6	011·3	011·4	011·6	011·9	012·3	012·5	012·9	013·2	013·3	013·7	014·0	011·0
11	013·9	014·1	014·3	014·3	014·6	014·9	015·1	015·4	015·9	016·1	016·5	016·5	016·3	016·1	016·1	016·1	016·8	017·1	017·5	017·7	018·1	018·4	018·8	018·9	016·1
12	018·9	018·8	018·7	018·6	018·5	018·4	018·6	019·0	019·3	019·4	019·8	019·7	019·3	019·1	019·0	019·1	019·3	019·2	019·3	019·3	019·4	019·2	018·9	018·8	019·1
13	018·7	018·3	018·2	017·7	017·6	017·2	017·2	017·1	017·3	017·4	017·4	017·1	016·7	016·3	016·1	015·8	015·6	015·7	015·7	015·8	015·8	015·9	016·1	016·7	016·9
14	016·7	017·0	017·2	017·6	018·2	018·5	019·0	019·8	020·4	021·2	021·5	021·7	021·6	021·8	022·1	022·5	023·3	023·8	024·2	024·7	025·3	025·6	025·7	026·1	021·5
15	026·2	026·2	026·2	026·1	026·2	026·2	026·4	026·5	026·8	026·8	026·3	025·3	024·7	024·1	024·0	023·6	023·6	023·5	023·3	023·8	024·3	024·7	025·0	025·3	025·2
16	025·9	026·3	026·4	026·6	026·8	027·0	027·4	028·1	028·5	028·9	029·4	029·2	029·1	029·1	029·1	029·2	029·3	029·6	029·8	029·9	029·9	029·8	029·8	029·8	**028·4**
17	029·7	029·5	029·2	029·0	028·8	028·7	028·4	028·3	028·4	028·4	028·5	028·1	027·5	027·0	026·8	026·7	026·5	026·3	026·2	026·1	025·8	025·4	024·7	024·3	027·5
18	023·4	022·8	022·5	022·2	021·1	020·3	019·7	019·4	018·7	017·7	017·0	015·6	014·6	013·3	012·6	011·7	010·9	009·7	008·8	007·7	006·8	005·8	004·7	003·7	015·0
19	002·8	001·6	000·3	999·1	997·8	996·6	995·7	994·8	994·3	993·3	992·6	991·8	990·3	988·7	987·8	986·8	986·4	985·7	985·2	984·0	983·2	982·0	980·7	979·8	991·4
20	978·2	977·3	976·2	975·2	974·0	973·0	972·4	971·8	971·9	971·6	971·5	970·9	970·4	970·1	970·0	970·1	970·3	970·2	970·6	970·7	970·7	970·9	971·0	971·1	**972·3**
21	971·1	970·9	971·2	971·3	971·5	972·1	972·1	972·3	973·3	973·4	974·4	974·3	974·2	974·3	974·6	974·7	975·1	975·5	975·9	976·0	975·8	975·9	976·1	976·2	973·7
22	975·9	975·6	975·3	975·2	975·2	975·3	975·7	976·8	978·0	979·0	980·2	981·0	981·5	982·1	983·2	984·5	985·7	987·6	989·0	990·3	992·2	993·2	994·2	995·5	982·2
23	995·9	996·7	996·9	997·3	997·5	997·5	998·1	998·5	998·8	999·0	999·1	999·3	999·3	999·8	000·6	001·7	002·3	002·7	004·0	004·5	005·4	005·9	005·8	006·8	000·3
24	007·8	008·3	008·9	009·3	009·5	009·7	009·9	010·1	010·4	010·5	010·2	009·4	008·4	007·1	006·3	005·2	004·2	003·3	002·5	001·5	001·0	000·4	999·9	999·4	006·5
25	999·0	998·7	998·3	998·1	997·1	996·5	996·1	995·9	996·0	995·4	995·0	994·6	995·0	995·8	996·6	997·4	998·0	998·4	998·5	998·7	998·6	998·3	998·0	998·2	997·2
26	998·3	999·3	000·0	000·4	001·2	001·5	001·6	001·7	001·4	001·1	999·5	998·0	996·7	996·4	996·5	996·8	997·2	997·7	997·8	997·9	998·2	998·2	998·0	997·7	998·9
27	997·2	996·8	996·3	996·0	995·3	995·4	995·0	994·8	995·2	995·0	994·7	994·2	994·0	993·9	994·0	994·4	995·2	995·9	996·9	997·6	998·9	999·3	999·9	000·2	996·0
28	000·1	999·8	999·4	998·6	997·2	995·3	993·7	992·3	992·2	992·1	991·7	991·3	990·2	989·3	988·9	989·8	990·1	992·6	992·9	993·1	992·8	992·0	990·1	989·5	993·4
29	986·6	985·0	983·9	984·4	982·1	983·1	982·6	984·4	984·6	984·3	983·5	980·8	977·3	976·2	977·2	977·7	978·9	979·6	979·7	980·8	980·6	981·0	980·9	908·4	981·7
30	979·9	979·1	978·6	977·5	977·0	977·1	976·5	975·9	975·4	975·5	976·0	977·0	976·9	975·3	973·2	972·1	975·7	979·1	982·2	984·6	986·7	988·7	990·2	991·6	979·0
31	992·4	993·4	994·5	995·3	996·0	997·1	998·1	999·2	000·8	001·4	002·7	003·5	004·7	005·4	007·4	008·3	010·0	011·4	011·6	012·5	013·9	014·1	014·0	014·2	003·8
Mean (Station level)	1005·11	1005·00	1004·89	1004·76	1004·48	1004·39	1004·40	1004·57	1004·85	1004·88	1004·94	1004·63	1004·17	**1003·88**	1003·90	1004·02	1004·43	1004·80	1005·04	1005·25	1005·48	**1005·52**	1005·46	1005·51	1004·76
Mean (Sea level)	1006·80	1006·68	1006·58	1006·45	1006·17	1006·08	1006·09	1006·26	1006·54	1006·56	1006·62	1006·31	1005·85	**1005·56**	1005·58	1005·70	1006·11	1006·48	1006·72	1006·93	1007·16	**1007·20**	1007·14	1007·19	1006·44
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not however, apply to monthly means.

PRESSURE AT STATION LEVEL AND AT SEA LEVEL. ANNUAL MEANS OF HOURLY VALUES.

From readings in millibars at exact hours, Greenwich Mean Time.

302. Cahirciveen (Valentia Observatory) : H_b = 13·7 metres. **1925.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Station Level	012·36	012·19	012·02	011·85	**011·75**	011·80	011·93	012·13	012·37	012·37	012·42	012·38	012·24	012·13	012·08	011·99	012·02	012·13	012·27	012·43	012·62	**012·63**	012·61	012·56	012·22
Sea Level	014·04	013·87	013·70	013·63	**013·43**	013·48	013·61	013·81	014·04	014·04	014·09	014·05	013·91	013·80	013·75	013·66	013·69	013·80	013·94	014·10	014·30	**014·31**	014·29	014·24	013·89

PRESSURE AT STATION LEVEL: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cylic change.

303. Cahirciveen (Valentia Observatory) : H_b = 13·7 metres. **1925.**

Month.	Mean.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Jan.	1015·61	+0·19	+0·19	+0·13	−0·14	−0·47	**−0·62**	−0·56	−0·33	+0·10	+0·22	+0·34	+0·20	−0·15	−0·38	−0·34	−0·29	−0·18	+0·01	+0·19	+0·31	+0·35	+0·34	**+0·39**	+0·38
Feb.	**1001·41**	+0·27	+0·05	−0·26	−0·42	**−0·54**	−0·49	−0·44	−0·15	+0·18	+0·17	+0·14	+0·22	−0·09	−0·07	−0·13	−0·26	−0·22	−0·04	+0·21	+0·28	+0·29	**+0·37**	+0·34	**+0·37**
Mar.	**1025·41**	+0·14	−0·09	−0·33	−0·52	**−0·57**	−0·44	−0·28	−0·01	+0·28	+0·30	**+0·41**	**+0·41**	+0·31	+0·02	−0·13	−0·33	−0·33	−0·21	−0·04	+0·19	+0·35	+0·33	+0·36	+0·23
Apr.	1009·23	+0·28	+0·05	−0·16	−0·33	**−0·44**	−0·39	−0·20	−0·04	+0·07	−0·02	+0·04	+0·04	−0·02	−0·06	−0·13	−0·34	−0·32	−0·28	−0·08	+0·24	**+0·55**	+0·52	+0·49	+0·42
May	1004·62	+0·11	−0·07	−0·25	−0·44	**−0·48**	−0·36	−0·15	0·00	+0·11	0·00	+0·06	+0·06	+0·04	+0·10	+0·07	−0·10	−0·13	−0·05	+0·01	+0·13	**+0·40**	+0·37	+0·30	+0·30
June	1021·45	+0·04	−0·12	−0·30	**−0·42**	−0·36	−0·21	−0·10	+0·06	+0·17	+0·15	+0·15	+0·13	+0·13	+0·10	+0·05	−0·08	−0·21	−0·20	−0·12	+0·02	+0·27	**+0·36**	**+0·36**	+0·23
July	1013·00	−0·05	−0·17	−0·36	**−0·38**	−0·35	−0·17	−0·08	+0·11	**+0·25**	+0·18	+0·23	**+0·25**	+0·21	+0·13	+0·10	−0·06	−0·21	−0·24	−0·16	−0·02	+0·20	+0·24	+0·19	+0·13
Aug.	1012·75	−0·15	−0·35	−0·43	−0·55	**−0·61**	−0·47	−0·26	−0·02	+0·19	+0·28	+0·28	+0·37	+0·40	**+0·41**	+0·29	+0·14	−0·01	−0·03	−0·05	+0·05	+0·22	+0·19	+0·05	+0·01
Sept.	1015·33	+0·23	−0·05	−0·30	−0·55	**−0·64**	−0·59	−0·40	−0·26	−0·01	+0·04	+0·09	+0·03	−0·03	−0·12	−0·21	−0·20	−0·15	−0·07	+0·12	+0·41	+0·68	**+0·70**	+0·69	+0·48
Oct.	1008·94	+0·20	+0·13	−0·08	−0·27	−0·30	−0·30	−0·21	+0·04	**+0·32**	+0·28	+0·26	+0·14	+0·02	−0·25	−0·29	**−0·37**	−0·30	−0·14	0·00	+0·10	+0·28	+0·29	+0·26	+0·23
Nov.	1013·42	+0·23	+0·01	−0·16	−0·37	−0·50	**−0·55**	−0·44	−0·27	+0·06	+0·09	+0·26	+0·15	−0·04	−0·16	−0·17	−0·10	−0·03	+0·09	+0·19	+0·24	+0·35	+0·36	+0·41	**+0·46**
Dec.	1004·76	+0·44	+0·32	+0·20	+0·06	−0·22	−0·32	−0·32	−0·16	+0·11	+0·14	+0·19	−0·13	−0·60	**−0·90**	−0·88	−0·77	−0·37	−0·01	+0·22	+0·43	+0·65	**+0·68**	+0·61	+0·66
Year.	1012·22	+0·16	−0·01	−0·18	−0·36	**−0·46**	−0·41	−0·28	−0·08	+0·16	+0·15	+0·20	+0·16	+0·02	−0·09	−0·15	−0·24	−0·21	−0·10	+0·04	+0·20	+0·38	**+0·39**	+0·37	+0·32

ABSOLUTE EXTREMES OF PRESSURE AT STATION LEVEL FOR EACH DAY.

Maximum and minimum for the interval 0 h. to 24 h., Greenwich Mean Time.

304. Cahirciveen (Valentia Observatory) : H_b = 13·7 metres. **1925.**

Month	Jan.		Feb.		Mar.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	001·7	981·6	**031·9**	023·0	013·4	**998·9**	015·4	010·9	018·7	013·4	022·0	017·2	015·8	007·1	016·0	012·5	024·1	021·2	032·0	029·8	996·6	984·9	020·6	008·3
2	987·8	**968·8**	031·1	028·3	024·5	013·1	017·3	008·1	018·3	010·4	024·9	022·0	005·3	003·1	018·7	014·7	025·2	021·1	031·9	030·5	995·5	987·9	025·5	020·6
3	994·8	981·4	029·4	026·0	035·6	024·5	019·7	007·8	010·4	001·8	024·1	022·0	014·2	004·9	014·7	011·2	023·7	018·8	030·6	028·4	004·3	993·1	025·6	022·3
4	011·3	985·5	030·4	021·8	**038·6**	035·4	007·8	988·4	001·8	998·6	022·4	017·1	015·2	013·5	011·5	001·9	024·3	023·2	028·6	027·7	008·5	003·1	022·3	016·7
5	027·4	011·2	021·8	015·0	037·6	031·2	988·7	**986·3**	998·6	989·6	017·6	015·4	016·1	011·2	004·2	997·8	023·6	017·7	028·5	025·6	016·5	008·5	016·7	009·9
6	**033·9**	027·4	016·0	012·2	031·2	022·1	998·8	988·7	996·4	994·8	019·8	017·2	016·1	010·1	008·0	003·7	025·5	019·5	025·6	021·1	016·5	986·8	010·1	001·4
7	033·3	017·8	016·0	002·5	022·1	014·1	010·2	998·8	997·5	995·1	022·1	018·9	025·1	016·1	011·2	002·5	025·6	022·5	025·9	020·4	986·9	**979·1**	001·4	989·3
8	018·9	004·0	006·7	999·6	024·9	013·0	009·9	996·9	001·8	997·1	022·1	020·4	027·0	023·8	011·0	999·4	022·5	018·0	031·6	025·5	007·2	984·9	998·7	988·5
9	025·9	018·9	008·3	995·6	033·1	024·9	004·6	995·4	012·7	001·2	027·0	020·2	026·9	020·1	006·5	999·2	018·0	013·3	**032·1**	030·1	008·3	005·2	008·0	998·7
10	026·7	024·3	005·4	991·2	035·5	033·0	017·5	004·6	015·9	009·3	**029·3**	027·0	027·7	021·3	012·0	005·8	020·2	016·7	030·1	023·2	024·2	005·1	014·0	008·0
11	026·4	020·3	991·2	985·4	033·3	029·2	016·7	007·9	011·7	004·9	028·2	024·6	**028·2**	026·9	012·5	004·9	023·8	020·1	023·3	019·6	030·2	024·2	018·9	013·9
12	020·5	003·9	987·4	976·5	031·2	029·0	018·3	011·2	017·0	007·6	024·6	021·9	027·0	025·7	008·3	004·8	024·5	022·5	020·5	018·6	029·6	022·2	019·8	018·3
13	006·7	982·3	977·0	975·5	030·6	024·5	015·2	009·7	021·1	016·9	023·5	022·3	026·2	021·2	022·5	008·3	025·0	023·4	018·6	014·3	022·2	014·8	018·8	015·6
14	014·4	982·9	989·7	975·0	026·2	023·5	014·1	001·7	**021·5**	017·2	023·0	020·9	021·2	014·5	027·6	022·5	024·3	012·5	019·3	015·0	014·8	008·7	026·1	016·5
15	032·6	014·4	000·3	989·7	030·5	026·2	009·3	004·1	017·2	005·9	021·1	019·1	019·0	016·0	027·6	025·9	012·5	997·9	018·6	013·9	015·6	006·4	026·9	023·1
16	032·5	024·1	005·4	999·1	034·2	030·5	018·4	009·3	006·4	001·3	022·8	019·7	016·0	008·5	026·0	021·4	011·8	007·5	014·6	013·2	021·9	015·6	**029·9**	025·3
17	026·0	023·1	011·7	005·4	033·2	031·7	018·3	007·7	008·7	002·6	025·7	022·3	010·6	998·4	021·4	013·5	011·9	003·1	014·0	011·9	025·5	020·4	**029·9**	024·3
18	031·4	024·8	017·8	011·6	032·4	030·9	008·8	003·4	012·4	008·6	025·8	024·6	999·6	**994·2**	015·9	009·4	011·9	003·6	013·5	008·3	031·5	025·3	024·3	003·7
19	032·7	030·7	019·4	017·5	032·8	030·8	021·1	008·1	012·4	010·3	024·6	021·9	999·9	990·3	011·8	009·1	003·6	**991·3**	008·3	998·3	**032·7**	031·0	003·7	979·8
20	031·0	022·4	017·6	002·2	030·8	024·0	**025·2**	021·1	012·0	010·2	022·8	020·2	013·4	999·9	011·7	997·2	998·1	994·8	998·5	998·8	032·1	028·0	979·8	**970·0**
21	022·4	011·0	015·8	006·7	026·2	022·0	024·6	017·5	010·2	999·9	020·2	018·1	018·1	013·2	001·4	**993·9**	002·0	**991·3**	989·0	975·3	028·0	018·3	976·3	970·8
22	016·9	007·0	015·4	980·8	028·1	025·8	017·9	002·6	002·7	995·1	021·0	018·9	017·7	011·2	003·7	000·5	995·3	992·5	975·3	**967·1**	018·3	015·8	995·5	975·2
23	026·6	016·9	998·4	986·4	027·3	019·6	010·8	006·9	995·1	988·1	021·8	020·6	015·4	010·3	009·9	999·2	011·8	995·3	980·3	967·8	024·9	017·2	006·8	995·5
24	024·7	015·9	990·5	972·4	019·9	016·8	013·6	010·2	997·3	987·3	023·2	021·6	015·1	013·8	015·2	009·9	015·7	011·9	990·1	980·2	026·2	023·5	010·5	999·4
25	025·6	017·1	980·2	966·9	024·8	019·5	012·0	005·4	010·2	997·3	023·2	021·9	014·5	006·1	015·8	011·8	018·8	008·2	000·9	990·1	023·7	020·5	999·4	994·4
26	026·5	018·1	979·3	**957·2**	024·6	021·4	015·5	011·8	009·9	992·8	023·0	019·3	007·0	004·4	014·2	010·2	028·0	018·7	996·3	983·7	020·7	015·8	001·7	996·3
27	018·3	014·1	988·2	979·3	025·6	021·2	014·3	004·9	992·8	**980·0**	023·3	018·7	009·2	006·2	018·8	013·4	027·9	024·7	008·2	985·0	019·9	015·7	000·2	993·8
28	019·1	012·0	998·9	986·4	030·4	025·6	015·3	006·1	996·4	984·0	023·5	019·5	010·0	008·2	023·9	018·8	024·8	021·2	008·6	999·7	019·5	014·3	000·2	988·9
29	015·2	008·4	—	—	030·4	023·3	015·2	011·2	998·8	993·4	019·5	**014·1**	009·0	006·5	**029·5**	023·7	021·6	019·3	001·0	986·7	016·6	004·7	989·5	976·2
30	015·2	010·7	—	—	023·3	007·1	013·4	005·3	012·5	997·9	016·2	014·5	009·4	000·7	029·1	027·8	**029·9**	021·4	994·1	986·0	008·3	001·4	991·6	971·6
31	024·0	011·7	—	—	012·7	002·0	—	—	018·1	012·5	—	—	014·4	000·4	028·9	023·6	—	—	001·4	994·1	—	—	014·4	991·6
Mean	1020·98	1009·44	1006·47	996·04	1028·55	1022·41	1013·60	1005·07	1008·27	1000·81	1022·94	1020·07	1015·82	1009·93	1015·71	1009·63	1018·53	1012·44	1012·62	1005·80	1017·56	1009·41	1009·91	1000·25

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

305. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

January, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	79·2	79·9	79·5	80·3	81·7	82·4	82·7	83·0	83·1	83·0	83·3	83·6	83·4	83·5	81·0	80·9	81·0	81·3	81·0	81·3	81·0	80·7	80·3	80·3	81·5
2	79·8	79·6	79·8	82·1	82·6	83·1	83·5	81·6	81·7	81·1	80·9	80·4	80·6	80·6	79·7	80·0	78·8	79·1	79·5	78·4	79·1	78·6	78·9	79·1	80·4
3	79·2	79·9	78·5	78·7	79·4	79·2	79·1	79·4	77·9	78·1	78·8	78·9	79·2	79·3	79·4	79·6	79·8	78·8	77·5	76·5	76·0	76·9	77·0	76·8	**78·5**
4	77·2	77·7	77·9	78·6	78·9	79·2	78·9	79·6	80·0	80·2	80·4	80·7	80·7	81·0	80·4	79·9	79·5	79·6	79·2	78·0	78·0	78·6	78·9	79·2	79·2
5	79·4	79·3	79·5	78·7	79·4	79·2	78·8	78·5	79·4	78·5	79·5	79·4	79·6	80·4	80·6	79·9	79·7	79·9	79·6	79·1	79·0	79·7	79·4	79·8	79·4
6	78·7	78·8	78·6	79·3	79·2	78·2	76·8	76·7	75·4	75·9	77·0	78·4	78·7	79·2	80·0	79·9	79·6	79·6	79·8	79·7	79·7	80·2	80·0	80·2	78·7
7	80·1	80·2	80·1	80·4	80·3	80·3	80·4	80·3	80·3	80·6	81·0	81·3	81·4	81·3	81·0	80·9	80·6	80·6	80·7	80·7	80·8	80·9	81·3	81·4	80·7
8	81·1	81·5	81·5	81·8	82·4	82·6	82·9	83·0	82·7	82·7	83·1	83·3	83·2	83·3	82·6	82·1	81·8	81·8	81·7	81·9	81·7	81·6	81·5	81·5	82·2
9	81·0	81·3	80·4	79·6	78·5	77·6	76·5	76·6	76·6	77·3	77·6	80·2	81·0	81·5	81·6	81·4	80·5	81·1	81·6	81·6	81·9	81·9	81·7	82·1	80·0
10	82·2	82·3	82·5	82·5	82·5	82·7	82·7	82·7	82·6	82·9	83·1	83·3	83·4	83·5	83·6	83·4	82·8	82·4	82·3	81·5	80·9	80·7	80·8	81·0	82·5
11	81·7	81·7	81·6	81·1	80·7	80·4	80·4	80·5	80·8	81·4	81·5	81·7	81·6	81·9	81·8	81·7	81·7	81·7	81·4	81·6	81·8	81·8	82·1	82·1	81·4
12	82·2	82·2	82·4	82·5	82·5	82·5	82·7	83·0	83·1	83·3	83·5	83·6	83·6	83·8	83·9	83·7	83·7	83·7	83·8	83·2	82·1	83·5	83·5	82·8	83·1
13	82·6	83·0	83·3	83·2	82·9	83·1	83·6	84·4	84·5	84·5	84·6	84·6	84·4	84·3	84·2	84·1	84·1	84·5	84·6	84·8	85·5	85·4	85·3	84·5	**84·1**
14	84·3	81·9	82·1	81·9	81·4	80·9	81·2	81·1	80·0	80·1	80·9	82·5	82·5	82·4	82·2	81·6	81·3	80·9	80·2	80·2	80·2	80·1	79·9	79·9	81·3
15	79·9	80·1	80·5	80·2	80·3	79·8	79·0	78·9	78·1	78·3	78·7	79·8	80·4	80·5	80·6	80·3	78·9	78·5	77·4	77·1	77·1	77·6	77·6	78·4	79·1
16	78·4	78·8	78·3	78·0	78·9	79·6	80·1	80·5	79·8	80·7	81·0	81·4	81·6	81·7	82·1	81·8	82·1	82·2	82·7	83·2	83·4	83·7	84·1	83·8	81·1
17	83·7	83·6	83·7	83·7	83·8	83·9	84·0	83·8	83·8	83·9	83·9	84·5	84·4	84·4	84·5	84·1	83·9	83·7	83·5	83·4	83·4	83·4	83·5	83·1	83·8
18	82·9	82·8	82·8	82·7	82·8	82·8	82·9	83·0	83·1	83·4	83·7	84·1	84·1	84·2	84·1	84·0	83·9	83·7	83·1	82·8	82·7	82·6	82·9	82·9	83·3
19	83·5	83·4	83·5	83·4	83·1	82·9	82·9	82·8	82·8	83·0	83·4	83·8	83·1	83·0	83·0	83·0	82·7	82·6	82·4	82·5	82·6	82·9	83·1	83·3	83·0
20	83·5	83·3	83·1	83·1	83·0	82·8	82·9	83·1	83·2	83·3	83·5	83·9	83·9	83·8	83·8	83·6	83·4	83·3	83·1	83·3	83·3	83·3	83·1	83·0	83·3
21	83·2	83·2	83·0	82·9	82·9	83·0	83·1	83·1	83·3	83·3	83·6	83·8	84·0	83·9	83·9	84·0	83·9	83·9	83·8	83·8	83·9	83·9	84·0	84·0	83·5
22	84·2	84·3	84·6	84·0	84·0	83·8	83·6	82·0	81·4	81·1	80·2	79·6	79·5	79·8	80·1	80·1	79·9	79·8	81·1	81·0	80·5	80·4	80·5	80·9	81·6
23	80·8	80·7	80·8	80·8	80·9	80·9	80·8	80·4	80·7	80·8	80·7	81·4	81·7	81·5	81·2	81·3	80·5	79·1	78·7	79·6	80·5	81·1	80·8	81·5	80·7
24	81·9	82·2	82·3	82·5	82·7	82·7	82·7	82·7	82·9	83·0	83·1	83·4	83·4	83·6	83·7	83·6	83·6	83·6	83·6	83·5	83·2	83·1	83·1	82·9	83·0
25	83·0	83·1	82·4	81·9	82·2	82·3	82·3	82·2	82·1	82·3	83·0	83·8	84·3	84·6	84·7	83·5	82·5	82·1	81·3	81·0	80·8	80·1	79·9	79·6	82·4
26	79·0	78·8	78·9	79·0	79·1	79·0	79·0	79·1	79·8	79·9	80·2	80·7	80·9	80·9	80·7	80·7	80·4	80·4	80·2	80·1	80·0	80·1	80·1	80·1	79·9
27	79·8	79·5	79·3	79·1	79·3	79·5	79·5	79·6	79·7	79·9	79·7	79·7	80·4	80·5	80·5	80·6	80·4	80·0	79·3	78·4	77·1	76·4	76·9	79·6	79·4
28	80·5	80·9	81·6	81·9	81·9	80·7	80·8	80·2	80·5	80·6	80·5	80·4	80·1	80·4	80·4	80·4	79·1	80·3	80·1	79·3	79·8	80·3	80·9	80·9	80·5
29	81·4	81·9	82·6	82·9	83·2	83·5	83·7	84·1	84·0	84·2	84·3	84·3	84·3	83·0	82·9	82·8	82·7	82·7	82·6	82·4	82·2	81·7	81·7	82·2	82·9
30	83·6	83·6	83·6	83·6	83·8	83·8	83·8	83·9	83·6	84·1	84·5	84·5	84·6	84·4	84·5	84·3	84·1	84·2	84·3	84·3	84·5	84·5	83·4	82·8	84·0
31	82·4	82·1	81·8	81·5	81·2	80·9	80·3	80·0	80·1	79·9	79·9	80·2	80·9	79·4	79·3	79·6	78·5	78·4	78·7	77·6	78·0	78·2	77·6	79·1	79·9
Mean ...	81·3	81·3	81·3	81·4	81·5	81·4	81·3	81·3	81·2	81·3	81·6	82·0	82·1	**82·1**	82·0	81·8	81·5	81·4	81·3	81·0	**81·0**	81·1	81·1	81·3	81·4

306. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres.

February, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	79·2	78·5	80·2	80·1	80·2	80·6	80·3	79·9	79·9	80·2	80·7	81·5	81·4	81·1	80·9	80·6	80·5	80·4	80·4	80·4	80·5	80·6	80·6	80·8	80·4
2	80·7	80·9	81·2	81·4	81·7	81·8	82·0	82·4	82·7	83·1	83·5	83·6	83·7	83·9	83·7	83·6	83·5	83·5	82·7	82·3	82·1	81·9	81·9	83·2	82·5
3	83·4	83·5	83·4	83·4	83·5	83·6	83·5	83·4	83·5	83·6	83·9	84·3	84·1	84·2	84·0	83·6	83·4	83·1	82·6	82·4	82·1	82·0	81·5	81·9	**83·3**
4	82·1	81·9	81·9	81·5	81·2	81·2	80·8	79·9	79·8	80·5	82·2	82·9	83·5	83·9	83·5	83·6	83·5	83·5	83·7	83·7	83·6	83·7	83·8	84·0	82·4
5	83·6	83·7	84·0	84·3	84·0	83·7	83·6	83·5	83·3	81·9	81·5	81·1	81·1	80·2	80·4	80·2	80·0	80·0	79·5	80·0	80·2	79·9	80·2	79·7	81·7
6	79·6	79·6	80·1	79·4	79·7	79·9	79·1	79·6	79·5	80·0	78·9	79·7	80·3	80·5	79·8	79·7	78·2	78·4	79·0	77·4	78·1	78·4	77·4	78·9	79·2
7	79·2	78·8	78·8	78·5	79·2	78·7	76·9	76·6	77·7	78·6	78·9	79·7	80·1	80·0	80·1	80·4	80·9	82·7	83·3	83·4	83·4	83·5	83·5	83·5	80·2
8	83·5	83·3	83·3	83·3	83·3	83·3	83·4	83·5	83·6	83·6	83·7	83·6	83·8	84·3	84·2	83·9	83·5	82·9	82·6	82·4	82·3	82·1	81·9	82·0	83·3
9	81·7	81·9	81·9	81·5	81·6	81·6	81·2	81·3	81·6	81·6	81·9	83·5	83·9	80·4	80·7	81·4	81·5	81·5	81·9	82·2	81·9	81·6	82·6	81·5	81·8
10	82·5	82·5	82·9	82·7	82·8	82·8	82·7	82·9	83·3	83·6	83·6	82·2	81·5	81·0	80·1	79·9	79·8	79·5	79·2	79·1	78·6	78·6	78·4	78·3	81·3
11	78·0	77·9	77·6	77·4	77·5	77·5	77·5	77·0	77·6	78·1	78·4	79·7	79·3	78·2	78·5	77·9	77·9	77·5	76·3	75·5	75·1	75·7	75·9	76·0	77·5
12	76·7	77·5	77·6	77·6	78·3	77·4	77·5	75·5	76·5	77·2	78·1	78·6	79·1	79·3	77·6	77·6	77·4	76·8	77·6	78·0	75·9	74·4	77·4	77·4	77·3
13	77·6	77·5	77·5	77·7	76·4	76·3	76·0	75·7	76·5	76·7	77·7	78·3	77·6	76·6	78·1	78·1	77·8	77·0	77·1	77·7	77·1	76·2	76·1	76·2	**77·1**
14	76·0	77·5	77·1	77·5	78·7	79·4	78·9	79·2	78·9	79·4	79·4	79·4	79·2	78·9	78·2	79·0	78·1	77·8	77·9	77·5	77·7	76·5	76·5	75·5	78·1
15	76·5	78·1	79·6	79·9	79·8	79·6	79·7	79·6	79·9	79·7	79·5	80·4	80·6	80·2	80·4	79·8	80·1	80·5	80·4	79·9	80·0	79·6	79·9	80·1	79·6
16	79·9	79·5	79·9	78·9	80·0	79·6	80·2	79·2	80·3	80·0	79·7	79·5	79·6	80·3	79·0	79·8	79·5	79·5	79·1	79·4	79·5	79·6	79·6	79·6	79·6
17	79·7	79·6	79·2	78·9	79·0	79·1	79·2	79·2	78·9	79·8	80·3	80·6	81·1	81·5	80·5	80·3	80·2	79·6	79·3	79·2	78·9	79·2	79·4	79·4	79·7
18	79·3	79·0	78·7	78·5	79·0	78·5	78·6	78·5	78·7	79·1	80·0	79·4	78·1	80·5	80·2	80·4	79·4	78·5	78·5	78·6	78·4	78·4	78·5	78·0	79·0
19	78·2	78·5	79·1	79·4	79·6	78·6	78·6	78·9	79·6	78·9	79·0	79·7	80·3	79·6	79·7	80·1	79·8	78·8	78·6	77·3	77·7	77·3	75·9	75·8	78·8
20	74·7	73·8	73·4	73·5	74·3	74·4	75·0	77·2	78·2	78·7	79·2	79·8	79·9	79·7	79·4	79·5	79·7	78·2	78·7	79·1	79·1	79·2	78·5	78·0	77·5
21	77·8	77·2	78·6	78·5	77·5	76·5	77·9	78·1	78·5	78·8	79·2	79·2	78·6	79·1	79·4	79·2	79·3	78·3	77·4	78·0	77·6	77·7	77·3	77·4	78·2
22	75·5	75·4	76·1	75·6	76·6	77·3	77·8	78·4	78·9	79·3	80·3	80·0	80·2	80·4	80·5	80·8	81·3	81·9	80·9	80·6	79·2	79·2	79·5	79·2	78·9
23	79·0	78·0	77·8	76·6	77·4	78·2	78·3	78·2	78·1	77·0	78·6	78·0	78·7	79·3	79·0	78·7	79·1	78·4	77·4	76·8	76·8	78·1	79·6	79·0	78·1
24	79·5	79·6	79·5	79·4	79·5	78·3	78·7	78·9	79·3	79·4	79·0	79·8	79·5	79·5	78·7	79·7	79·1	78·8	78·4	77·6	78·2	78·3	78·6	78·8	79·0
25	79·3	78·3	78·6	79·6	79·7	79·2	80·3	79·8	79·8	79·8	79·7	80·7	81·6	81·8	81·3	80·9	80·9	80·9	80·6	80·8	80·8	80·3	79·4	79·2	80·1
26	78·7	78·3	78·5	78·9	78·6	78·7	79·0	78·5	79·1	79·5	78·8	79·6	80·0	80·6	80·1	80·1	80·2	80·1	79·8	80·2	80·5	80·7	80·6	81·1	79·6
27	80·1	79·2	79·9	81·0	80·4	80·6	81·1	80·7	80·8	80·8	81·5	81·5	81·1	79·5	81·5	81·2	81·4	80·7	80·8	80·5	80·7	80·7	80·6	80·1	80·7
28	80·6	80·3	80·2	80·4	80·5	80·5	80·4	79·9	80·1	80·8	81·4	81·3	80·0	79·9	80·3	80·3	80·4	80·1	79·5	79·3	79·9	79·6	79·8	79·7	80·2
Mean ...	79·4	**79·3**	79·5	79·5	79·6	79·5	79·6	79·5	79·8	80·0	80·3	80·6	**80·6**	80·5	80·3	80·4	80·2	80·0	79·8	79·6	79·5	79·4	79·4	79·4	79·8
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

307. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

March, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	79·3	78·9	78·9	78·5	78·4	78·4	78·6	78·5	78·9	79·4	80·4	80·5	80·7	80·7	80·7	80·7	79·5	79·9	79·7	79·7	79·5	79·0	78·5	78·5	79·4
2	78·5	78·4	78·4	78·6	78·5	78·5	78·4	78·5	78·8	79·3	79·8	80·3	80·4	80·9	81·4	81·0	80·8	80·2	80·0	79·8	79·7	79·2	78·8	78·5	79·4
3	78·3	77·9	77·6	76·9	76·6	76·1	75·6	75·6	76·6	77·1	77·2	78·1	79·5	79·4	79·5	79·8	79·4	79·1	78·9	78·5	77·4	77·0	77·3	77·3	77·8
4	77·5	76·4	76·0	76·0	76·9	76·7	75·7	75·5	76·5	77·6	78·1	78·2	78·5	79·1	80·3	79·7	79·7	79·6	78·8	78·9	79·5	80·3	80·4	80·3	78·1
5	80·1	79·9	79·9	79·8	79·8	79·9	79·3	79·5	79·9	80·4	80·4	81·1	81·2	81·5	81·5	81·5	81·3	81·1	81·0	81·0	81·1	81·0	81·1	81·0	80·6
6	81·1	81·4	81·3	81·4	81·5	81·5	81·5	81·5	81·6	81·8	82·1	83·1	83·3	83·3	83·5	83·0	82·9	82·6	82·4	82·4	82·4	82·4	82·4	82·1	82·2
7	82·0	81·9	82·0	82·3	82·0	82·0	81·9	82·0	81·6	82·1	82·2	82·6	82·5	82·7	82·2	81·5	81·6	81·2	80·8	80·5	80·2	80·0	79·6	79·6	81·6
8	80·1	79·3	79·8	78·2	78·6	78·8	78·9	78·7	78·8	78·9	77·2	79·6	78·0	79·9	79·7	79·8	79·6	79·0	78·1	78·1	78·2	78·1	76·5	77·3	78·8
9	77·3	77·0	76·9	76·2	76·9	76·1	76·3	76·9	76·9	77·9	78·2	77·6	77·6	78·5	78·8	78·7	78·6	78·5	77·9	77·5	77·9	77·8	77·3	77·2	77·5
10	77·3	76·4	75·9	75·9	75·8	75·7	75·3	74·9	75·8	77·3	79·2	79·6	80·4	80·4	80·5	80·5	80·5	80·5	80·6	80·8	81·0	81·2	81·3	81·4	78·6
11	81·2	80·7	80·8	80·8	80·8	80·9	80·9	80·9	81·1	81·3	81·6	82·1	82·2	82·7	82·7	82·3	82·4	81·9	81·5	81·3	80·9	80·6	80·5	80·2	81·4
12	80·1	80·1	79·4	78·9	79·3	79·3	78·4	77·7	79·0	80·5	81·3	81·8	81·9	82·4	82·6	81·9	81·7	81·3	80·4	79·9	79·6	79·6	79·4	79·0	80·3
13	78·8	79·1	79·3	78·7	79·1	79·5	79·6	80·2	81·2	81·9	82·7	83·4	83·2	83·2	83·2	83·1	82·8	82·4	82·3	82·3	82·2	82·3	81·9	81·9	81·4
14	81·8	81·8	81·7	81·7	81·8	81·5	81·8	81·8	82·0	82·1	82·3	82·4	82·6	82·9	83·3	82·9	82·5	82·2	81·8	81·6	81·6	81·7	81·9	82·2	82·1
15	81·9	81·9	81·9	81·9	81·8	82·0	81·5	81·5	82·1	83·5	83·5	84·1	85·1	85·6	84·0	84·2	83·9	82·9	81·6	80·7	80·2	78·9	78·5	78·0	**82·2**
16	78·5	78·5	78·5	79·6	80·7	80·9	80·7	81·2	81·6	82·1	82·4	82·6	82·9	83·2	83·1	82·9	82·6	82·3	82·0	81·8	81·8	81·7	81·6	81 5	81 4
17	81·2	81·2	81·0	81·0	81·1	80·9	80·8	80·8	81·3	81·6	82·2	82·9	83·3	83·1	83·2	83·3	83·2	82·7	82·4	82·0	81·8	81·7	81·5	81·3	81·9
18	81·3	81·3	81·2	80·9	80·8	80·7	80·7	80·9	81·0	81·5	82·5	82·9	83·4	83·4	83·0	82·5	82·5	82·3	81·1	79·5	79·4	79·0	79·2	78·9	81·3
19	78·5	78·4	78·0	77·1	76·9	76·6	76·7	77·9	79·1	80·3	81·8	82·8	83·5	83·1	82·7	82·7	82·7	82·4	81·5	81·4	80·7	80·7	80·6	80·4	80·2
20	80·4	80·0	79·5	79·9	80·3	80·3	81·5	82·1	81·5	81·4	80·8	80·5	81·5	80·5	81·1	80·8	80·5	80·2	79·6	79·4	78·8	78·3	78·2	78·4	80·3
21	78·0	76·7	78·2	77·0	78·1	77·0	75·5	76·1	76·5	78·0	78·6	78·9	79·5	79·7	79·6	79·4	77·9	78·2	77·5	76·6	77·4	76·7	76·1	75·6	77·7
22	75·7	75·2	74·8	74·5	75·1	74·6	73·6	74·6	76·4	77·2	77·6	78·6	79·0	79·1	79·1	79·3	79·1	78·6	77·7	76·7	76·2	75·7	74·4	74·6	**76·6**
23	75·0	75·0	75·6	75·5	75·9	76·3	77·4	79·6	80·1	80·4	81·8	82·3	82·4	81·5	81·9	82·2	82·3	81·7	81·4	81·6	81·3	81·2	80·4	80·7	79·6
24	81·1	81·9	82·0	81·6	81·5	81·5	81·7	81·2	80·9	81·6	81·5	80·1	81·0	81·3	81·4	80·7	79·0	79·1	77·8	78·6	78·4	77·9	77·9	78·5	80·4
25	78·0	78·4	78·2	78·6	77·9	78·3	77·6	78·1	77·9	78·4	79·9	79·5	80·5	80·7	80·2	80·3	79·5	79·9	79·5	79·1	79·0	79·0	79·2	79·2	79·0
26	79·0	78·5	78·3	78·3	78·5	78·5	78·5	78·5	78·9	80·0	79·5	79·7	80·1	80·1	80·1	80·4	80·5	79·7	79·1	77·9	76·9	76·4	75·4	74·6	78·7
27	74·0	73·5	73·9	74·1	73·9	73·6	73·2	75·3	78·1	79·5	80·0	80·6	80·7	81·2	81·6	81·4	81·1	81·3	80·7	80·5	80·6	80·6	80·6	80·8	78·2
28	81·3	81·0	79·9	79·5	79·5	79·9	79·6	79·7	79·8	80·6	80·9	81·0	81·3	81·6	81·4	81·6	81·6	81·4	80·6	79·9	79·4	79·4	78·1	77·1	80·3
29	77·2	76·6	75·7	75·0	74·7	74·4	74·5	75·5	77·9	79·5	81·3	81·9	81·9	82·0	81·9	81·9	81·4	81·1	80·7	80·6	80·5	80·5	80·5	80·2	79·0
30	80·5	80·7	80·6	80·8	80·9	81·2	81·3	81·0	81·9	82·7	82·8	83·9	83·9	84·3	84·2	83·0	83·4	82·8	82·4	82·0	82·3	81·9	81·7	81·9	82·1
31	81·9	82·1	82·1	82·2	81·1	79·9	79·8	79·5	80·5	81·2	81·5	81·1	80·5	80·8	80·8	81·1	81·1	80·6	79·9	79·8	79·8	79·7	79·4	78·7	80·7
Mean ...	79·3	79·0	78·9	78·8	78·9	78·8	**78·6**	78·9	79·5	80·2	80·7	81·1	81·4	81·6	**81·6**	81·4	81·1	80·9	80·3	80·0	79·9	79·7	79·4	79·3	80·0

308. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres.

April, 1925.

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	77·4	76·8	75·5	75·1	74·0	73·9	73·7	76·0	78·2	79·9	80·9	81·6	82·3	82·6	82·6	82·1	81·6	81·0	80·5	80·4	80·1	79·8	79·7	79·5	78·9
2	79·2	79·8	79·1	79·7	79·4	79·4	79·9	80·6	81·2	81·6	81·8	81·7	82·0	82·2	81·5	81·6	81·0	80·6	80·2	79·5	79·5	78·8	77·8	77·4	80·3
3	77·1	76·4	75·7	75·5	74·3	73·5	73·4	76·1	78·2	80·0	81·0	81·4	81·5	81·4	81·6	81·1	80·9	80·6	80·0	79·7	79·6	80·1	80·5	80·9	**78·7**
4	80·3	80·8	80·6	80·6	80·9	80·9	81·3	81·2	81·5	81·7	80·9	81·1	81·0	81·9	82·9	82·9	82·6	82·7	80·9	80·3	79·8	80·2	80·2	80·7	81·2
5	80·9	79·7	80·4	80·1	79·6	79·7	80·2	80·6	80·1	80·4	82·3	83·3	83·7	82·4	82·3	82·9	82·9	82·6	81·8	81·4	81·4	81·1	81·3	81·0	81·3
6	80·9	80·4	80·3	79·6	79·3	79·5	79·6	80·0	81·4	82·1	83·1	83·2	82·5	82·7	83·1	83·4	83·3	82·6	82·4	81·4	80·4	79·9	79·4	78·6	81·3
7	77·4	76·9	76·2	76·6	76·1	76·4	76·2	79·2	80·9	82·4	83·7	84·1	84·1	84·2	84·3	83·6	83·5	83·1	82·6	81·6	80·6	80·0	79·0	77·9	80·5
8	77·8	77·1	76·8	76·4	77·3	79·5	80·5	81·5	82·8	83·1	83·6	84·1	83·3	82·4	82·3	82·3	82·3	82·6	82·2	82·0	82·2	82·0	82·1	81·4	81·1
9	81·2	80·7	79·7	78·9	78·4	78·3	77·2	80·2	81·2	82·2	83·7	84·0	84·4	84·6	84·1	83·6	83·6	82·8	82·7	82·2	82·0	81·8	81·4	81·2	81·7
10	81·5	81·3	80·0	80·6	80·0	80·3	80·4	81·7	82·3	83·0	82·9	83·4	83·6	84·0	84·1	84 0	83·9	83·4	82·4	81·0	79·9	79·2	78·7	78·3	81·7
11	78·9	79·6	80·5	80·6	80·8	81·2	81·5	82·3	83·0	83·5	83·1	83·3	83·1	82·9	83·1	82·9	82·7	82·6	82·4	81·3	81·4	81·3	81·0	81·2	81·8
12	81·2	81·7	81·5	81·3	80·8	81·0	81·4	81·7	82·8	83·5	83·9	84·3	84·5	83·9	83·7	82·8	82·3	82·2	83·3	83·5	83·5	83·6	83·5	83·7	82·7
13	83·7	83·6	83·3	82·8	82·2	81·7	81·4	80·7	81·6	82·3	82·4	83·0	82·8	82·7	83·1	82·8	81·3	81·1	81·3	80·8	80·7	80·4	80·2	80·5	82·0
14	80·0	79·9	80·3	80·3	80·5	80·9	81·6	83·4	83·8	83·8	83·8	83·8	83·9	84·1	84·4	84·5	84·4	84·1	84·0	84·0	83·6	83·3	82·5	82·4	**82·8**
15	82·3	81·6	81·5	81·0	81·0	80·7	81·2	80·8	81·2	81·8	81·6	80·7	81·8	81·8	79·9	81·1	81·3	81·2	80·2	80·9	78·9	79·4	80·1	80·5	81·0
16	80·6	79·9	80·4	80·4	80·7	80·1	80·5	81·3	80·4	81·1	82·2	81·7	81·9	82·6	82·8	82·8	82·4	82·2	81·3	81·1	81·1	81·0	81·0	80·7	81·3
17	79·1	79·3	78·7	78·9	79·2	80·0	80·5	81·5	82·0	81·9	82·6	83·0	83·3	84·1	84·0	83·8	83·7	83·5	83·4	83·3	83·1	83·0	83·0	83·0	81·9
18	82·9	82·9	82·8	82·8	81·3	80·8	80·9	80·6	81·1	81·4	80·8	81·6	81·7	82·5	82·6	82·7	82·1	81·5	81·5	81·1	80·2	80·5	80·5	80·4	81·6
19	80·5	80·5	79·7	79·3	78·1	77·9	78·2	78·2	78·8	79·7	80·4	80·5	80·9	82·4	81·7	81·7	81·9	82·1	81·6	81·2	80·9	80·9	80·8	80·4	80·3
20	79·3	78·8	78·5	78·5	78·2	77·8	79·1	80·3	81·6	82·6	82·8	82·9	83·3	83·9	84·2	84·7	84·9	84·3	83·6	82·4	81·1	80·6	79·7	79·2	81·4
21	78·0	77·6	77·7	76·8	77·5	79·1	81·6	82·1	83·9	84·2	85·0	84·6	84·5	84·1	83·7	83·6	83·4	82·9	82·6	82·5	82·6	82·6	82·3	82·1	81·8
22	81·9	81·4	80·9	81·6	81·9	82·3	82·5	82·9	82·9	83·3	83·6	84·6	84·3	84·6	84·3	83·8	84·2	84·5	81·9	82·1	81·7	81·3	80·5	80·6	82·7
23	79·8	80·1	79·5	79·7	79·5	80·0	80·2	80·3	81·3	81·3	81·4	81·5	81·4	81·2	81·6	80·0	31·3	81·3	80·5	80·5	80·9	80·6	80·4	79·5	80·6
24	80·4	80·0	80·5	79·6	80·6	80·7	81·0	81·3	81·7	82·4	82·6	82·9	83·6	83·4	82·3	83·0	82·6	82·3	82·0	81·8	81·7	81·7	81·7	81·5	81·7
25	81·4	81·3	81·0	80·8	80·6	80·6	80·9	81·3	82·2	83·2	83·3	83·5	83·2	83·6	82·9	82·7	82·7	82·4	82·2	81·4	81·0	80·8	81·1	80·5	81·9
26	80·7	80·4	80·5	81·4	81·4	81·3	81·7	82·1	82·3	82·5	82·7	83·1	82·9	83·1	83·3	82·9	82·8	82·5	82·2	81·5	81·5	81·4	81·4	81·2	81·9
27	81·0	80·5	80·4	80·7	81·8	82·8	82·9	83·2	83·3	83·3	81·7	82·8	82·7	83·6	83·4	83·4	82·7	81·9	81·6	81·3	81·0	80·6	80·9	80·1	82·0
28	80·4	80·1	79·7	78·8	78·9	79·2	79·6	80·8	81·9	82·6	82·9	83·5	83·5	83·4	83·6	83·8	83·8	83·4	82·5	81·7	81·3	80·7	80·6	80·8	81·5
29	80·1	79·3	78·9	78·9	78·3	78·5	78·9	79·5	79·9	80·9	81·5	81·6	81·6	81·9	81·6	81·2	81·5	80·6	80·4	79·6	79·3	78·8	78·4	78·4	80·0
30	77·3	77·5	78·6	78·6	78·1	77·8	78·9	77·4	77·5	78·0	79·6	78·4	79·5	78·5	79·5	79·6	80·3	81·3	81·2	80·7	80·0	79·8	79·6	80·0	79·0
Mean ...	80·1	79·9	79·6	79·5	**79·4**	79·5	79·9	80·6	81·4	82·0	82·4	82·6	82·8	**82·9**	82·8	82·7	82·6	82·3	81·8	81·4	81·0	80·8	80·6	80·5	81·2
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

*F

Readings in degrees absolute at exact hours, Greenwich Mean Time.

309. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

May, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	79·7	79·8	79·6	79·4	79·8	79·7	80·6	81·6	81·0	82·4	82·8	83·5	84·3	84·7	84·3	84·2	83·6	83·6	82·7	82·3	81·7	81·6	81·2	80·9	81·9
2	80·8	80·6	79·9	80·1	79·7	80·4	81·8	83·1	82·9	84·6	84·4	84·6	84·9	84·6	84·6	84·1	83·8	83·8	83·3	82·7	82·8	82·7	82·6	82·2	82·7
3	81·7	82·3	82·6	83·1	83·1	83·5	83·7	83·7	83·9	84·2	84·6	84·8	84·9	85·9	85·6	84·6	83·8	83·5	83·6	83·5	83·1	82·6	81·9	82·4	83·6
4	81·8	81·5	81·3	81·5	81·2	80·1	82·0	81·8	82·8	83·5	82·3	81·3	82·9	83·0	81·7	82·6	83·2	82·2	81·4	80·1	78·5	78·3	78·7	77·9	81·4
5	77·7	77·3	78·1	78·3	77·2	77·5	79·6	80·7	80·8	81·4	82·1	81·3	80·5	79·0	79·2	79·7	80·6	80·5	80·9	80·9	80·5	80·5	80·2	80·2	**79·7**
6	79·9	80·1	79·7	79·4	79·3	79·1	80·2	80·9	81·2	82·3	83·0	82·8	83·4	83·0	81·1	81·0	82·1	82·4	82·3	81·9	81·1	81·7	80·6	81·2	81·2
7	81·4	80·6	80·2	80·2	80·7	80·7	81·0	81·2	81·6	82·3	82·5	82·6	82·3	82·7	82·4	82·9	83·4	82·5	82·6	82·3	82·4	82·2	82·4	81·9	81·9
8	82·2	82·0	81·9	82·0	82·1	82·2	82·8	82·9	83·0	83·7	83·6	83·9	84·0	84·2	84·2	84·3	83·7	83·6	82·8	82·4	82·0	82·3	82·0	81·8	82·9
9	81·6	81·9	81·8	82·0	82·2	82·1	82·4	82·9	83·7	83·9	83·8	84·1	83·8	83·1	83·2	82·7	81·7	82·1	82·2	81·9	82·0	81·8	81·8	81·8	82·5
10	81·8	81·6	81·4	80·9	81·3	81·3	81·4	82·1	82·4	83·2	83·3	84·3	84·8	85·1	85·1	85·0	85·1	84·1	83·2	82·9	82·7	82·9	83·5	83·8	83·0
11	83·8	83·9	83·9	84·1	84·2	84·3	82·9	82·7	83·4	84·1	84·3	84·5	85·3	84·4	85·0	84·3	84·5	83·7	83·6	83·1	82·7	82·6	82·4	82·9	83·8
12	82·9	82·9	82·1	82·3	83·4	84·1	84·3	84·7	84·9	85·3	85·3	85·5	85·7	85·8	84·4	83·9	84·3	83·8	83·6	83·2	82·7	82·3	81·4	81·5	83·8
13	81·6	81·5	80·7	80·3	80·8	81·5	82·3	82·6	82·9	83·7	84·1	84·5	84·6	84·3	84·0	83·3	83·6	84·3	84·1	83·6	83·1	83·0	82·7	81·5	82·9
14	81·6	81·5	80·8	80·3	80·0	80·8	82·4	83·8	85·0	86·8	87·2	87·8	88·0	87·7	87·5	87·6	87·0	85·6	85·4	84·5	84·0	83·7	83·5	83·4	84·4
15	83·3	83·1	82·8	82·8	82·8	83·2	83·6	84·3	85·1	84·5	84·6	84·5	84·6	84·8	84·7	84·9	85·1	84·9	84·2	83·8	83·8	83·8	83·8	82·9	84·0
16	82·5	82·5	82·3	82·2	82·3	82·5	82·3	82·3	81·9	81·5	81·3	82·3	82·9	83·8	84·3	84·9	85·3	84·2	83·1	82·3	81·3	80·7	80·4	80·7	82·5
17	80·2	80·4	79·9	80·1	80·5	80·3	82·2	83·2	84·1	84·2	84·8	85·3	85·6	85·5	85·6	85·4	86·7	84·8	84·1	83·5	82·5	82·5	82·3	81·8	83·1
18	81·5	81·2	80·0	79·1	78·4	79·1	82·2	84·8	84·9	85·7	85·2	86·1	86·2	85·9	85·7	86·5	86·7	85·3	85·1	84·2	83·4	83·2	82·5	82·4	83·5
19	82·3	82·5	82·4	82·3	82·2	83·2	83·6	83·9	84·1	84·5	85·0	85·1	85·1	85·2	85·1	84·2	84·9	85·2	84·4	83·7	83·5	83·5	83·4	83·2	83·8
20	82·6	82·6	82·2	81·7	81·4	81·7	82·8	83·9	85·5	85·5	85·0	85·1	85·9	86·6	85·3	85·8	86·2	85·6	85·6	84·6	82·8	82·8	82·1	81·5	84·0
21	80·9	80·5	80·9	81·3	81·2	81·4	81·9	82·9	83·3	82·5	83·1	83·4	83·3	82·9	83·2	83·1	84·4	84·8	84·6	84·3	83·8	83·2	82·7	82·7	82·7
22	82·9	83·0	83·1	83·6	83·4	83·4	83·7	84·2	85·2	84·7	85·0	84·8	84·6	85·8	85·5	85·4	85·6	85·3	84·4	84·2	84·1	83·9	84·1	84·2	84·3
23	84·4	84·5	84·5	84·5	84·5	84·9	85·5	86·5	87·3	87·7	87·9	87·8	87·6	86·5	87·2	87·4	87·4	87·4	87·0	86·2	85·8	85·5	85·3	85·3	**86·2**
24	85·3	85·1	85·2	85·1	84·8	84·8	85·2	85·8	86·2	87·0	87·3	87·5	88·3	88·0	87·7	88·4	86·5	86·3	86·5	85·9	84·5	84·4	84·0	83·8	86·0
25	84·0	83·0	81·5	82·8	83·2	83·3	84·8	85·2	85·6	85·4	85·5	85·6	85·8	86·5	86·8	86·4	85·5	85·5	84·9	84·3	83·7	83·4	83·9	84·0	84·6
26	83·9	83·9	83·8	83·7	83·6	83·5	84·1	84·3	84·6	84·1	83·5	83·6	83·9	84·7	85·4	85·5	85·5	85·5	85·4	85·5	85·3	85·5	85·6	85·4	84·5
27	85·3	84·9	84·5	83·8	83·2	83·3	83·9	84·6	84·6	86·3	85·6	85·9	86·0	83·4	84·6	85·0	85·4	83·4	83·3	82·9	82·4	81·9	81·7	82·2	84·2
28	82·5	80·9	82·0	82·6	82·5	83·1	83·3	83·7	84·4	85·1	85·9	85·5	86·2	84·1	85·0	83·9	84·7	84·1	83·8	83·1	82·9	83·1	82·9	83·2	83·7
29	83·2	83·1	82·6	82·7	82·2	82·6	82·6	82·9	83·0	83·1	83·7	84·9	85·7	86·1	75·9	85·2	86·1	85·8	85·4	84·7	84·1	83·9	84·2	83·5	84·0
30	82·6	82·5	82·3	82·2	81·8	81·7	83·1	84·0	84·2	85·3	85·4	86·0	85·7	85·6	85·6	83·8	84·9	84·9	84·4	82·2	82·4	82·5	82·5	82·4	83·7
31	82·5	82·5	82·3	81·7	81·8	82·8	83·8	83·9	85·6	85·1	85·7	86·8	86·7	86·8	86·1	85·7	85·5	85·6	84·3	83·7	83·1	82·9	82·7	82·6	84·2
Mean ...	82·2	82·1	81·8	81·8	**81·8**	82·0	82·8	83·4	83·8	84·3	84·4	84·7	**85·0**	84·8	84·7	84·6	84·7	84·3	83·9	83·4	82·9	82·7	82·5	82·4	83·4

310. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres.

June, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	82·3	82·1	81·4	81·8	81·8	82·6	82·5	83·9	85·2	84·6	85·5	86·1	85·6	85·0	86·1	85·9	85·7	85·1	84·9	84·0	83·6	83·5	83·2	83·5	**84·0**
2	83·3	83·3	83·3	83·3	83·3	83·4	83·5	83·9	83·6	85·5	85·5	86·1	86·5	86·3	86·8	87·1	86·3	85·9	85·7	84·5	84·2	84·1	83·8	83·6	84·7
3	83·5	83·8	83·8	83·8	83·7	84·1	84·4	84·6	85·1	85·4	85·6	85·9	86·2	86·3	86·4	86·3	85·9	85·8	85·6	85·5	85·4	85·3	85·3	85·1	85·1
4	85·0	84·7	84·6	84·4	84·3	84·2	84·7	85·3	87·1	86·9	86·9	87·4	87·7	87·2	87·7	87·8	87·4	86·5	85·9	85·5	85·1	84·9	84·8	84·8	85·9
5	84·7	84·5	84·5	84·5	84·5	84·7	85·1	85·5	85·5	85·6	85·9	86·2	87·3	87·1	86·3	86·1	85·7	85·4	85·1	84·9	84·6	84·5	83·9	82·4	85·2
6	82·2	82·6	81·5	81·7	80·6	81·7	83·6	85·3	85·6	87·5	87·5	87·7	87·3	87·0	88·2	89·2	89·4	88·4	87·2	85·4	84·2	83·9	83·3	81·8	85·1
7	81·3	81·3	80·5	80·0	81·0	82·6	87·6	88·6	89·3	90·0	90·2	90·4	90·8	91·6	92·0	92·7	90·9	90·4	89·7	88·7	86·5	84·8	83·3	82·1	86·9
8	81·5	81·5	82·5	81·5	81·9	83·2	87·0	88·6	90·2	92·6	92·3	92·4	92·9	92·8	92·7	92·6	92·6	91·8	91·3	90·5	88·8	88·9	88·7	87·6	88·5
9	87·9	88·1	87·4	87·9	88·7	91·6	93·6	93·9	94·1	94·3	94·8	94·9	94·4	95·5	96·0	96·3	95·0	92·5	93·5	89·5	88·8	87·9	87·4	86·6	**91·7**
10	86·2	85·6	84·5	84·6	83·9	85·3	88·0	89·1	91·0	90·0	90·9	91·5	92·5	92·5	92·7	93·5	92·8	91·6	90·9	90·3	89·4	88·5	87·5	87·5	89·2
11	87·3	87·0	87·5	87·2	86·4	87·8	89·4	91·6	92·3	94·1	92·8	94·8	93·8	94·1	93·8	94·5	94·2	93·9	92·9	91·1	89·6	89·3	88·9	88·7	90·9
12	87·9	87·5	87·3	86·6	86·5	87·6	89·4	90·5	91·9	91·7	92·4	92·6	92·7	93·3	93·1	93·3	92·9	92·1	91·8	92·3	90·1	88·5	87·9	87·7	90·3
13	87·4	87·2	87·0	86·1	85·9	87·1	88·3	88·4	88·7	88·9	89·4	89·2	89·2	90·0	90·1	89·8	89·0	88·2	87·7	86·9	86·7	86·7	86·7	86·6	88·0
14	86·3	86·3	86·5	86·4	86·4	86·4	86·6	86·9	87·3	88·2	88·4	89·5	90·0	90·1	89·6	90·5	91·1	90·1	88·5	88·3	87·0	86·9	87·0	86·9	88·0
15	86·5	86·5	86·3	86·3	86·6	85·9	86·1	86·9	87·3	87·7	87·9	88·7	88·5	89·1	89·1	89·3	88·7	88·4	88·3	87·3	86·7	86·8	86·7	86·5	87·4
16	86·3	85·3	85·5	85·2	85·5	85·8	86·3	86·4	86·4	87·5	87·3	87·3	87·4	87·6	87·8	87·8	86·9	86·6	86·5	86·6	86·2	85·9	85·8	85·7	86·5
17	85·6	85·5	85·2	84·9	85·1	85·1	85·6	85·8	86·0	86·5	86·3	86·5	87·0	87·5	87·3	87·1	87·7	86·8	86·3	85·9	85·1	84·5	84·5	84·4	86·0
18	84·5	84·8	84·8	84·7	84·8	85·1	85·5	85·9	86·8	87·2	87·7	87·7	87·5	87·5	87·6	87·6	87·8	87·4	86·8	86·4	86·2	86·3	86·3	85·8	86·3
19	85·8	85·5	85·5	85·5	84·9	85·4	86·4	88·8	87·7	88·1	88·5	87·5	87·4	87·6	88·0	88·5	87·7	87·7	86·4	86·1	85·5	85·4	85·4	85·1	86·7
20	85·3	85·4	85·5	85·5	85·7	85·7	85·9	86·1	86·3	86·8	87·1	87·1	87·8	87·9	88·2	88·2	87·5	87·5	86·7	86·8	86·5	86·5	86·4	86·3	86·6
21	86·3	86·3	86·3	86·3	86·1	85·9	86·3	86·7	87·1	87·3	88·1	88·5	88·2	87·8	87·8	88·1	88·0	87·7	87·7	86·9	86·8	86·5	85·9	85·6	87·0
22	84·5	83·7	83·9	83·7	84·1	85·4	87·2	86·9	87·9	88·1	88·1	88·5	88·4	88·4	88·3	88·6	90·2	88·9	88·1	87·4	86·5	85·8	84·7	84·5	86·8
23	84·4	84·1	83·4	82·9	82·6	84·2	87·3	87·1	87·5	86·5	87·1	87·4	87·5	87·6	87·2	87·5	87·8	87·2	86·4	86·1	86·0	85·5	85·2	85·0	86·0
24	85·2	85·5	85·1	84·2	83·3	83·8	86·9	89·2	88·3	88·4	89·6	90·3	89·1	90·2	89·6	89·1	89·4	88·9	87·9	87·1	86·7	86·1	85·5	85·6	87·3
25	85·3	85·2	84·7	84·9	84·9	85·4	85·7	86·0	86·5	87·2	87·6	88·1	88·4	88·7	88·4	88·6	88·3	87·4	86·9	86·3	85·9	85·9	85·7	85·7	86·6
26	85·5	85·3	85·2	85·1	85·3	85·0	85·5	86·1	85·9	86·5	86·9	87·6	87·4	87·2	87·9	88·3	87·6	87·0	86·4	85·6	85·3	85·4	85·5	85·6	86·2
27	85·8	85·9	86·2	86·1	86·0	86·2	86·4	87·0	87·0	88·1	88·1	87·7	88·3	88·4	87·5	87·6	87·5	87·4	86·9	86·9	86·0	85·5	85·7	85·4	86·8
28	85·3	85·6	85·6	85·8	85·5	86·0	87·5	88·2	88·5	88·4	88·5	89·8	88·8	89·6	89·6	90·3	90·2	89·2	88·2	87·8	87·0	86·3	86·5	86·5	87·7
29	86·5	86·5	86·5	86·5	86·4	86·3	86·3	87·2	87·7	87·9	87·4	87·5	88·7	89·4	90·3	90·0	88·6	87·8	87·3	87·1	86·3	86·3	86·2	86·2	87·4
30	86·1	85·8	85·8	85·7	85·4	85·6	86·3	86·6	88·4	88·7	89·0	90·2	89·8	89·6	88·5	90·1	89·8	89·4	89·4	87·6	86·3	85·3	84·7	83·8	87·5
Mean ...	85·2	85·1	84·9	84·8	**84·7**	85·3	86·5	87·2	87·7	88·2	88·4	88·8	88·9	89·1	89·2	**89·4**	89·1	88·4	87·9	87·2	86·4	86·1	85·7	85·4	87·1
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours; Greenwich Mean Time.

311. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

July, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	82·9	82·8	82·9	82·3	83·2	84·6	85·8	86·5	87·7	88·2	88·8	88·5	88·6	89·8	89·0	89·1	88·5	88·5	88·1	87·2	86·5	85·9	85·5	85·5	86·5
2	85·6	85·6	85·4	85·2	85·0	85·2	85·7	86·9	87·8	87·9	87·5	88·2	88·4	87·9	88·7	88·5	89·6	89·3	88·1	87·5	87·6	87·4	87·3	87·1	87·2
3	86·9	86·9	86·8	86·7	86·7	86·7	86·8	87·0	86·9	87·2	87·4	87·4	87·4	87·3	87·4	87·3	87·4	87·2	87·1	87·0	86·9	86·3	86·1	85·9	87·0
4	85·8	85·8	85·6	85·5	85·5	85·5	85·5	85·5	85·9	86·4	86·4	86·6	87·1	87·3	87·2	87·6	87·6	87·1	86·6	86·3	86·1	85·8	85·7	85·6	86·3
5	84·6	83·6	83·6	82·5	83·5	83·9	86·4	87·0	87·2	87·7	87·9	89·1	88·9	89·2	89·4	88·6	88·5	88·6	88·3	87·5	87·2	86·6	86·6	87·1	86·8
6	87·7	87·7	87·6	87·1	87·1	86·9	86·9	86·9	87·0	87·2	87·4	87·9	89·4	89·3	89·3	88·4	87·2	86·4	86·1	85·7	85·7	85·3	85·2	85·4	87·2
7	84·9	85·5	85·5	84·9	85·3	85·5	86·1	86·1	86·6	87·2	88·0	87·9	88·0	88·5	88·9	89·1	89·5	88·4	87·5	86·8	85·8	85·4	84·4	83·8	86·7
8	83·8	83·6	83·7	84·1	85·0	85·3	85·9	86·2	87·4	87·6	87·1	86·7	87·2	87·4	88·3	87·2	87·3	87·5	87·1	86·6	86·4	86·1	85·6	85·7	86·2
9	85·8	85·4	85·4	85·2	85·6	85·8	86·1	86·9	87·2	87·7	87·7	87·6	87·0	86·7	87·1	87·3	87·8	87·6	87·4	87·4	87·3	87·2	87·2	87·1	86·8
10	86·9	87·1	87·0	86·8	86·5	86·5	86·6	86·7	87·2	87·5	88·1	88·5	88·5	88·5	88·6	88·5	88·5	88·4	87·7	86·9	86·7	86·5	86·3	86·3	87·4
11	86·3	86·3	86·3	86·3	86·3	86·4	86·9	88·0	89·2	90·1	90·3	90·8	90·7	91·3	91·9	91·5	90·5	88·8	88·5	88·4	88·1	87·9	87·6	87·5	88·6
12	87·5	87·5	87·3	87·3	87·2	87·3	87·9	88·5	88·7	89·7	89·6	90·3	89·9	89·9	90·8	90·6	89·6	89·2	88·9	88·6	88·4	88·3	88·3	88·2	88·7
13	88·1	88·0	87·9	87·9	87·8	87·9	88·1	88·5	89·4	90·4	91·5	91·4	91·5	91·6	92·9	91·7	90·6	89·7	89·4	88·4	88·0	87·4	87·3	87·3	89·3
14	87·3	86·9	86·7	86·5	86·6	86·9	87·2	87·4	87·6	88·0	88·1	88·5	88·3	88·1	88·2	88·1	87·8	88·0	88·1	88·3	87·7	87·3	86·6	86·4	87·5
15	86·1	85·7	85·5	85·5	85·6	85·6	86·2	86·7	87·2	87·5	87·9	88·0	88·0	88·5	88·4	88·6	89·5	88·9	87·9	87·4	86·9	85·6	85·3	84·5	87·0
16	83·9	84·1	84·6	85·1	85·4	85·4	85·4	85·4	85·5	85·7	86·7	87·5	87·6	88·2	88·4	88·6	88·4	88·6	88·4	88·1	87·9	87·2	87·1	86·8	86·6
17	86·6	86·3	86·2	86·1	85·8	85·8	86·3	86·7	87·8	87·6	87·8	87·8	88·1	88·6	89·2	89·5	87·9	87·4	86·9	86·4	86·0	85·7	85·4	85·4	87·0
18	85·3	85·3	85·1	84·4	84·5	84·8	85·0	85·0	85·1	85·4	85·2	85·6	85·3	85·1	85·0	85·0	84·9	84·9	84·9	84·9	85·0	85·3	85·3	85·4	**85·1**
19	85·4	85·4	85·4	85·5	85·5	85·6	85·7	85·8	87·1	87·3	87·4	86·9	88·2	88·0	87·3	87·6	87·2	87·7	87·8	87·2	86·8	86·8	87·2	86·9	86·7
20	86·8	86·9	86·5	86·4	86·5	86·9	87·4	87·6	89·0	88·7	89·6	89·4	90·4	90·6	89·5	89·6	89·6	88·3	89·2	88·7	87·7	87·0	86·6	85·5	88·1
21	85·2	86·1	84·9	85·6	85·4	86·9	89·3	90·4	90·1	90·4	91·4	92·3	92·6	92·3	91·1	90·6	91·9	91·0	90·4	90·3	89·9	88·8	88·6	87·4	89·2
22	87·1	87·1	87·1	86·6	86·9	87·5	88·5	89·6	90·8	91·4	91·3	91·3	91·3	91·3	91·1	90·9	89·6	89·9	90·1	89·5	89·9	89·8	89·4	89·5	89·4
23	89·2	88·8	88·6	89·1	88·4	88·1	88·4	88·4	88·3	88·4	88·7	89·1	89·0	89·5	89·6	89·8	89·9	89·7	89·7	89·7	90·2	90·5	90·2	89·8	89·2
24	90·0	89·5	89·0	89·3	88·9	89·1	88·9	89·8	90·3	92·1	92·6	92·8	93·1	94·6	94·2	94·9	95·0	90·9	89·6	89·2	88·5	88·4	87·4	87·0	**90·7**
25	86·6	86·5	86·6	86·5	86·4	86·1	86·4	87·1	87·2	87·6	86·8	85·8	85·4	85·6	85·5	85·3	85·5	85·8	86·3	85·5	85·2	85·3	85·1	85·2	86·1
26	84·5	84·7	84·5	84·8	83·4	84·4	84·9	85·4	85·4	86·3	86·8	85·4	85·6	86·4	86·8	86·5	86·2	86·4	85·7	85·8	85·5	85·6	85·7	85·4	85·5
27	85·5	85·5	85·4	85·3	85·4	85·5	85·5	85·8	85·9	86·5	86·5	86·8	87·0	86·5	87·1	87·3	86·6	86·6	86·1	85·7	85·6	85·4	85·3	85·3	86·0
28	85·2	85·2	85·1	85·0	84·9	85·3	85·9	86·3	87·1	87·6	88·3	88·8	89·4	88·5	88·1	88·9	88·9	88·2	87·7	87·2	86·8	86·7	86·6	86·5	87·0
29	86·5	86·4	86·4	86·3	86·2	86·2	86·3	86·8	87·0	87·3	87·7	87·8	87·8	87·6	88·3	88·7	88·1	86·8	86·1	85·6	85·8	85·9	85·9	86·1	86·8
30	85·5	85·5	85·4	84·7	84·5	85·3	85·7	86·8	87·7	87·4	88·8	90·1	90·1	90·1	89·4	88·5	87·4	86·7	86·2	86·2	85·7	86·0	86·5	86·6	86·9
31	86·9	87·1	86·7	86·6	86·5	86·4	86·5	87·4	88·3	87·7	88·0	87·9	88·4	88·5	88·3	88·1	88·3	88·1	87·5	87·1	86·9	86·6	86·5	85·9	87·4
Mean ...	86·1	86·1	86·0	**85·8**	85·9	86·1	86·6	87·1	87·6	88·0	88·3	88·5	88·7	88·8	**88·9**	88·8	88·6	88·1	87·7	87·3	87·1	86·8	86·6	86·4	87·3

312. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres.

August, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	86·4	85·6	85·6	85·8	85·8	85·4	84·7	85·7	86·8	87·0	87·5	87·5	87·4	87·6	87·6	87·5	87·9	87·1	86·8	86·1	85·7	85·9	86·2	86·2	86·5
2	85·8	85·9	85·5	85·5	85·5	85·4	86·0	86·7	86·6	86·1	87·2	88·0	89·0	88·6	89·2	88·9	88·7	87·9	87·2	86·8	86·3	86·2	85·8	85·9	86·9
3	85·9	86·1	86·3	86·8	87·5	87·5	87·5	87·1	86·9	86·2	87·1	88·1	88·7	88·7	88·4	89·2	89·9	88·9	88·2	87·5	86·6	85·2	85·0	84·3	87·3
4	84·7	85·3	85·6	85·8	85·9	86·2	86·7	87·9	90·0	90·1	90·6	90·**6**	89 7	89·9	91·8	90·6	90·1	89·1	88·3	87·9	88·1	87·9	87·7	88·1	88·2
5	88·1	88·1	87·9	87·7	87·6	87·6	87·9	88·5	88·4	88·5	88·5	87·4	87·6	89·1	89·0	89·3	89·1	88·7	87·9	86·9	86·0	85·8	85·9	86·0	87·9
6	86·1	86·1	86·2	86·0	85·4	85·6	86·6	88·2	88·6	88·5	88·7	89·7	90·4	90·4	89·4	88·9	88·6	88·0	87·9	88·0	88·0	88·2	88·4	88·5	87·9
7	88·5	88·3	87·9	87·9	87·9	87·7	88·4	87·8	88·6	88·0	88·8	89·1	89·5	89·7	89·6	89·5	89·1	88·5	88·1	86·9	86·3	85·2	84·5	84·3	88·0
8	83·6	85·0	85·6	85·5	85·7	85·8	86·8	87·5	88·5	89·5	89·9	90·3	89·8	89·6	88·9	87·2	88·4	88·8	88·9	88·6	88·2	88·7	88·6	88·0	87·7
9	87·4	87·5	86·6	86·6	86·6	86·0	87·5	87·7	88·0	89·4	90·0	89·8	89·9	90·3	90·1	89·8	89·1	88·6	88·1	86·9	85·9	85·8	84·4	84·1	87·8
10	84·0	84·3	83·9	83·6	83·9	83·5	84·7	87·0	87·2	87·9	88·1	87·9	88·2	88·2	88·2	88·3	88·9	87·8	87·2	86·4	86·2	85·9	84·9	84·4	86·3
11	84·6	83·9	83·5	82·5	83·8	84·8	85·6	86·6	86·5	88·1	88·1	89·1	88·8	87·8	87·5	87·5	87·5	87·7	87·5	87·5	87·6	87·6	87·6	87·9	86·6
12	88·2	88·2	88·3	87·9	87·9	88·0	88·2	88·5	88·7	88·8	89·5	90·1	90·7	90·1	90·0	89·9	89·8	89·3	89·1	88·2	88·1	88·0	87·9	87·7	88·8
13	87·6	87·5	87·5	87·5	87·2	87·2	87·2	87·3	87·6	87·7	88·7	88·7	89·2	89·5	89·3	89·5	90·2	89·5	89·6	88·1	87·5	87·4	87·4	88·4	88·2
14	88·2	88·1	87·4	87·3	87·5	87·3	88·1	89·0	89·3	89·6	90·9	91·2	91·5	91·5	91·5	91·6	91·1	90·4	89·8	88·4	87·8	86·8	86·1	85·4	89·1
15	84·8	84·1	84·4	84·4	84·8	84·4	86·6	88·9	89·6	90·8	92·1	92·3	92·2	92·8	93·0	93·3	91·6	91·0	91·8	89·8	88·3	87·4	87·0	86·2	88·8
16	85·9	85·3	84·7	85·3	84·2	84·2	86·8	88·4	90·8	91·7	92·4	92·9	94·0	92·3	92·3	92·2	92·1	91·1	90·8	89·4	87·9	87·6	87·2	86·2	89·0
17	85·3	84·4	84·1	84·1	84·2	85·2	87·8	88·6	90·2	91·8	91·5	92·3	92·3	92·4	91·4	91·3	90·4	90·5	90·2	89·4	88·8	88·5	88·4	88·4	88·8
18	88·1	87·9	87·6	87·1	86·9	86·6	86·7	87·6	89·5	91·3	91·5	92·2	92·4	92·4	93·6	93·3	93·7	92·4	91·3	89·3	88·3	87·9	87·7	87·7	**89·7**
19	86·5	86·6	86·6	87·0	87·4	87·4	87·6	87·7	87·8	88·1	88·4	88·4	88·3	87·7	87·3	87·5	87·6	87·6	87·2	86·7	86·7	86·6	86·5	86·4	87·3
20	86·0	85·1	85·6	85·3	85·3	84·9	85·6	87·7	88·9	89·4	88·9	89·8	89·4	88·6	88·2	88·2	87·7	87·1	87·3	86·6	85·7	86·8	86·8	85·6	87·1
21	85·5	84·8	84·8	84·7	84·4	84·5	84·9	86·5	87·7	88·6	89·3	88·6	88·7	88·	88·6	88·9	89·3	89·4	88·6	88·5	88·2	88·0	87·7	87·6	87·3
22	87·5	87·5	87·4	87·5	87·5	87·5	87·6	87·8	88·4	88·7	89·3	90·1	89·8	89·7	89·3	89·5	88·5	88·2	87·9	87·7	87·5	87·4	87·3	87·1	88·2
23	86·9	86·7	86·4	86·3	86·2	86·5	87·5	87·9	88·9	89·6	89·9	90·2	90·2	90·1	90·1	89·5	89·5	89·0	88·4	87·7	87·6	87·5	87·6	87·7	88·2
24	87·7	87·6	87·5	87·4	87·3	87·0	87·2	87·1	86·5	86·9	87·9	87·8	88·4	87·0	87·6	87·6	87·3	87·1	86·9	86·5	86·4	86·0	85·7	85·3	87·1
25	84·6	83·9	83·7	82·7	82·5	82·2	83·6	84·5	86·1	86·6	86·8	87·4	86·4	86·4	86·6	86·9	86·9	86·9	86·9	87·4	87·9	88·3	88·3	88·3	**85·8**
26	88·3	88·3	88·4	88·5	88·5	88·6	88·7	88·8	89·1	89·3	89·0	89·4	90·2	90·1	90·1	90·2	89·8	89·4	88·5	87·6	87·8	87·8	87·8	87·9	88·8
27	88·0	87·7	86·9	87·2	87·3	87·5	87·8	88·3	89·2	89·3	89·4	89·6	89·5	89·2	89·2	89·4	89·3	89·0	88·7	88·8	88·6	88·1	87·7	87·5	88·5
28	87·5	87·5	87·7	87·8	88·1	88·3	88·8	88·9	88·9	88·8	89·2	89·3	89·4	89·5	89·4	89·3	89·2	89·0	88·7	88·6	88·6	88·6	88·5	88·4	88·6
29	88·5	88·3	88·0	87·9	87·8	87·5	87·5	87·8	88·5	89·1	88·5	89·1	88·6	89·1	88·6	89·0	88·5	88·3	87·6	86·4	85·6	84·9	84·3	83·7	87·7
30	83·8	84·6	84·6	85·8	86·7	86·8	87·2	87·8	88·2	88·5	89·3	89·6	89·8	89·8	89·8	90·6	90·8	90·2	89·5	88·8	88·8	88·8	88·3	88·0	88·1
31	87·8	87·7	87·6	87·5	87·5	87·6	87·9	88·2	88·6	88·8	89·4	89·3	89·7	90·4	89·8	89·4	89·5	89·1	88·9	88·6	88·7	88·9	88·9	88·8	88·7
Mean ...	86·5	86·4	86·3	**86·2**	86·3	86·3	87·0	87·7	88·3	88·8	89·2	89·5	**89·7**	89·6	89·5	89·5	89·4	88·9	88·5	87·8	87·4	87·2	87·0	86·8	87·9
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

313. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

September, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	88·6	88·5	88·5	88·4	88·4	87·5	87·3	86·5	86·9	86·5	86·6	86·6	86·9	87·7	87·8	87·8	87·9	87·4	86·7	86·8	86·8	86·7	86·9	87·0	87·4
2	86·9	86·8	86·8	86·5	86·4	86·8	87·2	87·4	87·9	88·1	88·2	88·7	88·7	88·5	88·6	88·6	88·3	88·1	87·4	87·3	87·0	86·4	86·3	86·3	87·5
3	86·4	86·8	86·9	87·1	86·9	87·1	87·4	87·4	87·4	87·5	87·3	86·9	87·7	87·9	87·9	87·9	87·6	86·9	85·9	85·5	85·5	85·1	84·8	84·5	86·8
4	84·3	83·8	84·4	84·5	85·3	85·1	85·4	85·6	86·0	86·2	86·7	86·8	87·0	87·2	86·8	87·1	86·6	86·4	86·0	85·3	85·6	85·7	85·6	85·5	85·8
5	85·8	86·0	85·9	86·1	86·2	86·5	86·6	86·9	87·1	87·5	87·6	88·3	87·5	87·5	87·5	87·5	87·3	86·5	86·5	85·6	85·7	85·6	85·6	85·4	86·6
6	85·0	84·5	84·7	84·9	84·7	85·3	84·9	85·1	85·7	86·2	86·4	86·6	86·6	86·1	87·0	86·8	86·5	86·4	85·9	85·7	85·6	85·5	85·4	85·4	85·7
7	85·3	84·9	84·7	84·4	84·6	84·5	84·5	84·9	85·9	86·3	86·1	86·6	87·3	87·1	86·9	86·6	86·5	86·2	85·8	84·8	84·8	84·8	84·8	84·9	85·6
8	84·6	84·5	84·7	84·9	84·9	84·8	85·2	85·8	86·0	86·5	86·9	86·9	87·3	87·4	87·8	87·8	87·5	86·6	86·0	86·2	86·2	86·0	85·9	85·9	86·0
9	85·8	85·2	85·9	85·6	85·5	85·6	85·7	85·9	86·5	86·4	87·0	86·8	86·2	87·0	85·7	85·9	85·0	84·8	84·2	84·1	84·1	84·0	84·0	84·0	85·5
10	83·8	83·6	83·9	84·1	83·2	83·7	83·9	84·2	85·6	85·9	85·8	85·5	85·8	86·1	85·5	84·9	85·4	85·3	84·9	84·9	85·0	84·9	84·8	84·8	84·8
11	84·6	84·1	84·2	83·3	83·0	82·6	82·5	83·7	85·2	85·3	85·6	86·1	86·2	86·7	86·5	86·2	85·9	85·6	84·6	83·3	82·8	82·6	81·7	80·8	84·4
12	80·4	80·2	80·6	79·6	79·4	78·3	78·8	80·8	83·4	84·8	86·1	86·3	86·1	86·8	87·5	87·4	86·9	85·6	83·8	82·6	80·9	80·4	82·0	82·9	**82·9**
13	82·8	83·4	83·8	84·1	84·7	84·8	84·9	85·3	85·8	86·9	87·2	87·8	87·5	87·9	87·5	87·4	86·7	86·3	86·2	86·1	86·1	86·0	86·0	85·9	85·8
14	85·8	85·8	85·8	85·4	85·4	85·6	85·6	85·8	86·7	87·2	87·7	87·8	88·2	88·4	87·9	87·8	87·8	87·7	87·4	87·4	87·5	87·4	87·5	87·6	86·9
15	87·4	87·4	87·4	87·4	87·7	87·8	87·9	88·2	88·2	88·1	88·0	87·8	88·0	87·9	88·2	87·3	86·6	87·0	86·0	85·4	85·3	84·8	84·0	84·2	87·1
16	83·5	83·4	83·0	82·9	82·7	82·9	82·1	82·6	85·0	86·4	86·9	87·2	87·9	88·4	87·9	87·8	87·1	86·7	86·2	85·6	85·0	85·1	84·8	84·9	85·2
17	84·4	84·2	84·2	84·4	84·7	84·6	84·7	85·2	85·6	85·7	86·2	86·7	87·4	86·8	86·7	86·3	86·3	86·0	85·4	85·3	85·2	84·8	84·3	83·2	85·4
18	83·7	83·7	83·8	83·9	84·2	84·6	84·8	85·9	86·5	87·8	85·6	86·1	86·5	86·9	86·9	86·9	86·4	86·4	85·5	85·7	85·4	85·1	85·4	85·4	85·5
19	85·3	85·2	84·8	84·3	84·4	84·4	84·5	84·7	83·8	84·4	85·7	84·5	85·7	85·8	84·0	84·7	83·9	84·0	83·7	82·9	84·1	83·3	83·8	84·0	84·4
20	82·2	82·6	81·6	82·1	82·1	81·8	81·9	82·8	84·6	85·2	85·5	85·7	86·6	86·6	86·1	84·6	83·6	83·8	83·4	83·3	83·0	84·2	84·6	83·9	83·8
21	83·8	83·9	84·7	84·7	84·6	84·9	84·8	85·0	85·3	85·7	86·9	87·2	87·3	87·5	86·8	86·8	86·3	85·8	85·3	85·0	85·0	84·2	83·8	83·8	85·3
22	84·3	85·8	85·3	85·2	85·3	84·2	83·9	83·8	84·6	85·6	86·1	86·9	87·0	86·1	86·5	86·0	85·1	84·9	84·7	85·0	85·2	84·6	84·7	84·4	85·2
23	84·6	84·4	84·4	84·8	84·8	84·5	84·3	84·8	85·3	85·8	86·0	86·4	84·4	84·8	85·2	84·9	85·3	85·2	83·8	83·4	84·2	84·0	83·6	83·7	84·7
24	82·7	83·1	82·7	82·6	82·8	82·3	82·4	83·4	84·3	85·0	85·7	85·8	86·3	85·9	85·8	85·8	84·9	84·4	83·9	83·7	83·2	83·4	83·4	83·5	84·0
25	83·9	84·0	84·3	84·6	85·1	85·3	85·4	85·8	86·2	86·1	86·4	86·2	86·2	86·8	86·5	86·5	85·7	85·5	85·4	85·4	84·6	83·9	84·4	84·4	85·3
26	84·7	84·8	84·7	84·8	84·3	84·2	84·6	85·0	85·5	85·7	86·3	86·0	86·1	85·9	86·1	85·7	84·9	85·0	84·5	83·5	83·5	84·4	84·1	82·9	84·9
27	81·8	81·5	81·4	81·7	81·8	81·8	82·1	83·2	84·3	85·2	85·7	86·6	87·0	86·3	86·1	85·8	85·7	85·7	85·8	85·8	86·1	86·2	86·4	86·3	84·5
28	86·4	86·3	86·7	86·4	86·6	86·8	86·8	87·1	87·2	87·6	88·8	89·4	89·3	89·6	89·2	88·9	88·5	87·7	88·0	87·9	87·8	87·7	87·6	87·5	**87·7**
29	87·4	87·4	87·4	87·5	87·6	87·7	87·6	87·9	88·0	88·1	88·3	88·5	88·4	88·6	88·1	87·9	87·7	87·4	87·2	87·0	87·1	87·2	87·1	86·9	87·7
30	86·8	86·6	86·4	86·4	86·4	86·2	86·1	86·4	86·7	86·6	86·8	86·5	86·5	87·3	86·8	86·6	86·2	85·6	84·4	83·6	82·7	82·1	80·7	81·0	85·6
Mean ...	84·8	84·7	84·8	84·7	84·8	84·7	84·8	85·2	85·9	86·3	86·7	86·8	87·0	**87·1**	86·9	86·7	86·3	86·0	85·5	85·1	85·0	84·9	84·8	**84·7**	85·6

314. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres.

October, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	80·6	80·3	79·6	79·5	78·7	78·6	78·5	79·0	81·5	83·3	84·8	85·9	86·9	86·8	86·6	86·2	86·0	85·2	83·4	82·7	82·2	81·3	80·8	80·8	82·5
2	80·7	81·0	79·4	79·2	79·3	79·8	79·9	79·9	82·2	82·8	83·0	84·2	85·0	84·2	84·8	84·7	84·4	84·3	82·8	83·2	83·1	82·8	82·5	82·7	82·3
3	82·8	82·8	82·8	82·9	82·9	82·9	83·1	83·4	84·3	85·1	86·4	87·1	87·6	87·6	87·6	87·9	87·4	86·9	86·7	86·8	86·9	86·7	86·8	86·9	85·4
4	86·9	86·8	86·7	86·7	86·6	86·6	86·6	87·0	87·6	88·5	89·8	90·6	91·8	91·4	90·4	89·7	89·1	88·9	88·4	88·4	88·5	88·6	88·4	88·4	88·4
5	88·3	88·3	87·7	87·5	87·8	88·2	88·2	88·5	89·3	90·1	90·5	90·6	91·4	91·4	91·1	90·5	90·1	89·2	88·7	88·4	88·4	88·4	88·3	88·2	**89·1**
6	87·8	87·6	87·6	87·6	87·5	87·4	87·2	87·3	87·7	88·5	89·3	89·8	89·0	88·7	89·1	88·0	87·5	87·4	87·2	86·9	86·8	87·1	87·0	86·9	87·8
7	86·9	86·9	86·9	86·6	86·8	86·9	86·9	87·1	87·4	88·2	88·4	88·8	89·6	88·8	88·2	87·5	87·6	87·4	86·8	86·6	86·2	85·8	85·4	84·8	87·2
8	84·4	84·5	84·4	84·0	83·9	83·4	83·4	83·5	84·4	84·6	85·3	85·8	86·6	87·3	87·4	86·9	86·2	85·6	85·1	84·7	84·8	84·4	84·2	83·1	84·9
9	82·4	82·5	82·5	81·6	80·8	79·5	79·5	79·6	80·8	82·9	84·4	86·2	86·4	86·3	86·3	86·2	85·5	84·1	83·3	81·5	83·1	82·4	79·6	79·5	82·9
10	78·1	77·4	77·0	76·7	77·1	76·8	76·5	80·4	80·7	83·3	84·4	85·0	85·3	85·5	85·3	85·1	84·8	83·5	82·9	82·6	81·7	80·4	79·5	79·4	**81·2**
11	79·2	78·1	77·8	77·7	77·3	77·3	77·4	77·8	78·9	80·9	82·9	84·5	85·6	86·4	86·6	86·8	86·4	85·4	84·5	84·1	83·9	83·3	83·0	82·3	81·9
12	82·1	81·0	80·0	79·2	79·4	77·9	77·7	78·9	80·6	82·4	84·0	85·4	85·8	86·3	86·0	85·9	85·6	84·7	83·5	82·2	81·0	80·0	79·2	78·9	82·1
13	80·0	80·5	81·7	83·3	84·6	84·7	84·7	84·8	85·3	85·7	85·7	86·1	85·8	86·7	86·1	85·8	85·6	85·6	85·5	85·5	85·1	84·6	84·9	83·3	84·6
14	82·6	82·3	81·5	81·8	81·8	81·6	81·0	80·6	81·2	81·6	82·4	83·0	83·6	83·5	83·3	83·1	82·6	82·3	81·9	81·6	81·4	81·0	80·9	81·3	82·0
15	81·7	81·7	81·9	81·9	82·6	82·8	83·4	82·9	83·7	84·8	85·5	85·6	85·9	85·7	85·7	85·8	85·8	85·7	85·8	85·8	86·1	86·5	86·6	87·0	84·5
16	86·7	86·5	85·7	84·9	85·5	85·2	84·6	84·7	85·9	86·7	87·5	87·8	87·3	87·5	87·9	87·6	87·3	87·2	87·2	87·5	87·5	87·5	87·2	87·4	86·7
17	87·4	87·5	87·6	87·3	87·3	87·1	87·1	87·2	87·2	87·3	87·4	87·4	87·3	87·1	87·0	87·1	86·9	86·3	85·7	85·2	84·6	84·6	84·4	84·4	86·7
18	84·5	84·4	84·5	84·5	84·5	84·5	84·5	84·5	84·6	85·2	85·9	86·3	87·0	87·3	87·2	86·7	86·3	85·2	85·6	85·5	85·4	85·6	85·5	85·4	85·4
19	85·6	85·2	85·5	85·9	86·0	86·6	86·6	86·2	86·6	87·2	87·1	87·4	87·7	87·7	87·8	88·0	87·9	87·8	87·8	87·9	87·8	87·6	87·4	87·2	87·0
20	87·3	87·6	87·8	87·9	88·0	87·8	88·0	88·0	88·1	88·1	88·5	88·4	88·5	88·4	88·5	88·1	88·0	87·7	87·6	87·6	87·4	87·5	87·5	87·6	87·9
21	87·3	87·3	87·2	86·7	86·5	85·7	85·6	86·4	85·9	86·5	87·5	85·5	87·3	87·5	87·5	87·2	87·0	86·8	86·9	86·6	86·0	86·3	86·5	86·2	86·7
22	86·4	86·4	86·4	86·1	86·1	86·3	86·3	85·9	86·5	86·6	86·7	87·2	87·2	87·2	87·2	86·6	86·2	85·4	85·4	85·1	85·2	85·3	85·4	85·4	86·2
23	85·2	85·2	85·5	85·2	85·2	85·3	85·3	85·4	85·0	85·5	85·7	85·6	85·8	86·1	86·2	85·8	85·4	85·3	85·3	85·5	85·2	85·1	85·4	84·7	85·4
24	84·4	84·5	84·6	83·6	83·5	83·6	82·8	82·1	82·8	82·6	83·4	83·5	82·8	82·9	83·3	83·4	83·4	83·4	82·4	83·5	82·8	83·4	83·9	84·7	83·4
25	84·8	84·9	84·7	84·5	84·9	84·6	84·5	84·7	84·8	84·7	85·6	85·7	85·9	85·9	85·0	84·7	83·9	84·2	85·5	85·6	84·8	84·4	83·3	83·2	84·8
26	83·4	84·0	84·5	85·3	85·6	85·4	85·7	85·0	84·8	84·7	85·7	85·8	86·1	86·2	86·1	85·1	85·5	84·4	84·5	83·3	84·1	83·3	82·8	83·7	84·8
27	83·1	83·1	83·3	83·7	83·7	84·0	83·2	83·9	83·8	85·0	85·6	85·7	85·9	85·0	85·2	85·1	84·9	84·5	84·2	84·1	83·8	83·1	82·3	82·6	84·1
28	82·5	82·5	82·2	82·5	82·5	82·5	83·4	83·5	84·3	84·2	84·2	84·5	84·7	85·6	86·2	86·5	86·5	86·5	86·6	86·6	85·9	84·7	84·4	83·8	84·4
29	83·9	83·7	84·1	84·3	84·7	85·8	86·4	86·5	86·2	86·4	86·1	86·2	86·3	86·4	86·5	85·7	85·6	85·4	85·3	84·9	84·8	84·9	84·9	84·5	85·4
30	84·0	84·2	84·5	84·7	84·8	84·8	84·9	85·1	85·2	85·5	85·6	86·1	86·2	86·3	86·1	85·9	85·3	85·3	85·3	84·8	84·9	84·9	85·1	85·3	85·2
31	85·2	84·4	84·3	84·5	84·6	84·2	84·4	84·5	84·5	85·5	86·0	86·4	86·6	86·5	86·1	85·7	85·2	85·3	85·5	85·8	85·8	86·1	86·2	85·9	85·4
Mean ...	84·1	84·0	83·9	83·8	83·9	83·8	**83·8**	84·0	84·6	85·3	86·0	86·4	86·8	**86·8**	86·7	86·4	86·1	85·7	85·4	85·2	85·0	84·8	84·5	84·4	85·0
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

315. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

November, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	85·8	85·9	85·9	85·2	85·8	86·2	86·3	86·4	86·5	86·6	86·0	84·6	84·5	85·2	84·7	84·4	84·3	83·8	82·9	83·1	83·0	83·0	82·7	83·0	**84·9**
2	82·4	83·1	83·5	84·0	83·3	82·3	82·1	82·0	83·0	83·9	83·9	85·3	85·8	86·0	85·4	85·3	84·3	83·8	83·6	83·7	83·5	83·0	83·2	83·2	83·7
3	83·0	82·4	81·9	81·5	81·6	81·5	81·8	82·5	82·9	82·9	83·8	84·5	84·6	84·8	84·6	84·5	83·4	83·8	82·8	83·1	82·2	82·3	82·0	82·3	82·9
4	83·0	82·7	81·8	81·9	81·8	81·8	81·9	82·2	82·7	83·3	84·1	83·8	84·2	83·6	83·7	83·8	83·5	83·3	82·8	81·7	81·3	80·6	79·6	78·8	82·5
5	79·0	78·8	79·4	78·9	78·9	80·2	79·0	79·3	79·7	79·8	81·7	82·8	83·9	84·4	84·4	84·3	83·6	82·0	81·3	79·6	79·3	78·9	80·0	79·4	80·8
6	78·4	77·6	77·8	77·8	78·5	78·1	78·1	80·8	82·3	82·8	83·2	83·5	83·5	83·0	82·2	82·2	82·9	83·1	83·4	83·5	83·0	84·4	84·3	84·3	81·5
7	84·2	84·2	84·0	83·7	83·3	82·9	82·4	82·8	82·8	83·7	83·9	84·2	83·8	83·8	83·7	82·6	81·7	81·6	80·3	81·1	81·2	80·6	80·9	80·7	82·7
8	80·1	79·6	79·2	79·3	79·2	79·1	78·9	79·0	79·0	79·4	79·6	80·2	80·1	80·3	80·2	80·0	79·8	79·8	79·4	78·6	79·6	80·1	80·0	78·4	79·6
9	78·6	78·8	77·9	79·2	79·6	78·7	79·4	79·7	79·2	79·8	80·1	81·3	80·6	81·4	81·2	79·9	80·2	80·4	80·0	79·9	80·8	80·7	80·3	79·5	79·9
10	79·8	79·1	78·0	78·2	77·4	77·4	77·3	77·2	76·7	77·9	78·7	79·1	79·5	79·8	80·0	79·5	79·0	77·5	77·2	76·3	76·0	75·6	76·8	75·3	78·0
11	75·1	74·0	73·6	73·5	73·8	75·8	74·8	75·2	74·4	75·6	77·6	78·4	79·8	80·2	79·9	79·7	77·3	76·1	74·6	77·3	78·3	75·8	76·1	75·9	76·4
12	77·5	77·6	77·6	77·9	78·3	79·1	79·8	80·4	80·7	81·3	81·9	82·4	82·4	82·5	82·1	81·7	81·0	81·0	81·3	81·2	81·8	81·6	81·8	81·8	80·5
13	81·6	81·4	81·1	81·1	81·1	81·1	81·2	81·1	80·8	81·3	81·3	81·3	81·3	80·6	81·0	80·4	80·3	80·3	80·8	81·3	81·3	81·3	81·3	81·2	81·1
14	81·1	81·2	81·3	81·3	81·2	81·4	81·8	82·0	81·8	81·3	81·8	82·2	82·2	82·1	82·3	82·1	81·9	82·4	82·2	82·0	82·5	82·5	82·7	82·7	81·9
15	82·0	82·1	82·8	82·3	82·3	82·7	81·7	81·3	81·9	82·7	83·0	82·2	82·0	81·8	81·6	81·3	81·3	82·4	82·6	82·4	81·7	82·1	82·5	81·6	82·1
16	81·6	80·9	80·4	79·4	79·5	78·3	78·2	77·8	78·8	80·5	80·3	80·5	80·4	80·7	80·6	80·1	79·5	79·7	79·4	78·7	78·3	78·5	79·4	79·7	79·7
17	79·9	79·9	79·4	79·4	78·8	79·6	78·6	79·4	80·2	80·4	80·5	81·5	81·6	81·6	81·5	81·6	81·5	81·4	81·2	81·6	81·3	80·9	82·1	81·4	80·6
18	81·3	79·8	79·1	78·5	77·5	77·1	77·2	76·3	75·6	77·0	78·8	80·6	81·1	81·9	82·2	81·3	79·4	78·6	76·8	76·1	75·7	75·4	74·5	73·8	78·3
19	73·6	73·8	73·4	73·2	73·1	72·5	72·6	72·0	72·9	73·7	75·7	78·0	79·1	79·5	79·6	79·4	77·4	76·2	74·6	73·7	74·6	73·3	73·2	73·6	75·0
20	74·4	72·3	72·5	72·5	72·6	72·3	71·7	72·6	71·2	72·5	74·7	77·2	78·7	79·3	79·1	77·8	77·3	75·2	74·4	73·6	73·9	73·7	72·9	72·3	**74·4**
21	72·2	71·9	72·4	72·3	72·0	71·8	72·4	71·6	72·6	73·3	74·6	76·5	78·5	79·1	79·4	77·5	77·5	76·4	75·7	76·6	76·4	75·7	76·4	75·7	74·9
22	77·2	76·8	76·5	76·2	77·1	76·9	77·5	77·2	77·4	78·1	78·4	78·4	78·3	78·4	78·2	77·9	77·8	77·8	79·0	78·6	78·6	78·5	78·4	78·2	77·8
23	78·2	78·2	78·4	78·2	78·0	77·5	79·0	79·2	79·3	79·8	80·1	80·8	80·6	80·8	80·6	80·2	79·6	79·3	78·5	77·9	78·1	77·1	76·5	76·3	78·9
24	75·5	74·4	75·5	75·8	75·4	74·6	74·7	74·7	74·8	74·8	76·1	77·6	79·5	80·6	80·7	80·7	80·4	80·6	80·3	80·8	80·7	81·2	81·6	81·7	77·9
25	81·8	81·8	82·4	82·2	81·7	81·7	81·8	81·8	81·6	81·8	82·0	80·9	80·3	79·9	79·7	79·6	78·8	78·4	77·8	76·9	76·7	76·9	76·9	77·1	80·1
26	78·3	78·6	79·3	79·4	78·6	78·5	78·5	78·4	78·6	78·7	78·9	80·0	80·0	79·9	79·2	77·9	77·1	76·1	75·4	74·7	74·9	75·5	75·2	75·6	77·8
27	74·2	74·5	75·5	74·4	73·8	73·9	74·5	74·5	75·1	79·9	79·8	79·8	79·2	79·1	79·2	79·2	78·9	78·6	79·1	79·6	79·8	79·8	79·9	79·7	77·5
28	79·8	79·9	80·2	80·1	80·9	81·3	81·1	81·2	81·5	81·4	81·8	81·2	81·7	80·9	80·7	80·5	80·4	79·9	79·6	79·6	79·5	79·0	78·9	79·3	80·4
29	79·0	79·5	79·8	79·7	79·5	79·4	79·7	79·9	80·9	81·2	81·8	81·8	82·7	82·8	82·7	81·8	82·1	82·4	81·9	82·5	82·0	81·6	82·1	81·4	81·1
30	80·8	80·9	80·4	80·3	78·7	79·6	79·8	80·4	79·8	80·6	80·9	80·9	80·8	80·1	78·6	78·4	79·4	79·8	79·0	79·3	79·4	79·5	79·1	79·0	79·9
Mean ...	79·3	79·1	79·0	78·9	**78·8**	**78·8**	78·8	79·0	79·2	79·9	80·5	81·1	81·4	**81·5**	81·3	80·9	80·4	80·0	79·6	79·5	79·5	79·3	79·4	79·1	79·8

316. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres.

December, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	78·6	77·6	76·6	76·5	75·6	75·3	74·8	74·6	74·9	75·5	76·5	77·1	77·5	78·1	77·7	77·3	75·5	74·5	73·5	72·9	72·6	72·9	72·7	73·3	75·6
2	73·4	74·5	73·4	72·4	71·8	72·1	72·2	71·2	71·3	72·3	73·5	75·3	76·9	78·0	77·8	77·5	75·8	74·7	75·1	74·9	74·6	75·8	74·7	74·3	**74·3**
3	74·5	74·9	73·8	73·4	72·9	75·3	75·8	75·6	76·9	77·1	78·6	79·2	78·9	78·8	78·9	78·6	78·5	78·7	79·2	78·9	78·9	79·1	79·5	79·8	77·2
4	80·3	80·5	80·6	80·8	80·7	80·6	80·5	80·5	80·5	80·5	80·9	81·1	81·0	80·9	80·8	80·8	80·8	80·9	81·1	81·2	81·2	81·3	81·0	80·7	80·8
5	80·5	80·3	80·0	80·1	80·2	80·4	80·4	80·5	80·6	81·3	81·4	81·7	82·0	82·5	82·9	82·6	82·7	82·5	82·3	82·5	82·6	83·1	83·5	83·7	81·6
6	83·7	83·9	84·5	84·4	84·4	84·5	84·6	84·9	85·5	85·6	85·6	85·5	85·4	84·7	84·9	84·9	84·9	84·6	84·6	84·6	84·5	84·6	84·6	84·6	**84·7**
7	84·4	84·6	84·4	84·4	84·5	84·6	84·6	84·5	84·6	84·7	84·7	84·7	84·9	84·7	84·6	84·6	84·4	84·3	84·3	84·3	84·3	84·3	84·3	84·3	84·5
8	84·2	84·2	83·9	83·4	83·3	83·3	81·9	80·9	81·0	80·7	79·5	80·7	79·4	80·4	79·5	79·4	79·4	79·0	79·9	80·0	79·0	78·6	79·1	80·2	81·0
9	78·8	79·5	79·6	79·9	79·9	80·4	80·3	80·9	80·8	81·1	81·2	80·5	81·3	81·5	81·1	80·6	81·1	81·2	80·9	81·1	81·3	80·8	81·3	81·3	80·7
10	81·4	81·2	80·7	80·8	80·5	80·5	80·5	80·4	80·9	80·8	80·9	81·6	81·4	81·1	81·9	80·9	80·9	81·2	80·6	80·2	80·4	80·3	80·3	80·5	80·8
11	80·4	80·5	79·8	79·9	79·9	79·8	79·4	79·3	79·5	79·1	79·5	80·1	80·6	80·2	80·1	79·3	78·7	77·5	77·3	77·2	77·6	77·3	76·9	76·4	79·1
12	75·1	74·9	75·2	74·6	74·8	74·4	74·7	75·5	76·0	75·4	76·9	78·4	79·5	79·4	79·5	79·1	77·7	77·4	76·9	76·1	75·5	74·5	74·5	74·7	76·3
13	75·3	76·6	74·9	74·9	74·2	74·5	76·2	76·0	76·6	77·8	78·7	79·3	79·7	80·1	79·9	79·6	80·4	79·4	78·9	77·9	78·6	78·5	78·1	77·6	77·6
14	77·3	76·6	76·9	76·7	76·4	75·9	75·5	75·7	75·3	75·6	76·8	77·6	77·9	78·2	78·4	76·9	76·3	75·7	75·6	76·0	75·8	75·4	75·9	74·7	76·4
15	74·3	74·4	74·6	75·1	75·4	76·6	76·5	78·2	79·6	79·9	80·5	81·4	81·5	81·7	81·7	81·9	82·1	82·3	82·4	81·3	81·7	81·7	81·1	80·6	79·3
16	80·4	80·2	79·9	79·8	79·5	79·5	79·3	78·5	78·6	79·1	79·6	80·1	80·5	80·7	80·7	80·3	79·9	80·0	79·6	79·4	79·4	79·3	79·3	79·2	79·7
17	79·0	78·9	78·9	78·7	78·7	78·7	78·7	78·7	78·7	78·9	79·3	79·9	80·5	80·8	80·9	80·2	79·5	79·5	79·4	79·6	79·6	79·5	79·5	79·5	79·4
18	79·2	79·3	79·7	78·3	77·5	79·6	79·4	79·5	79·7	80·0	80·4	80·7	81·3	81·4	81·3	80·7	80·8	80·6	80·7	80·6	80·5	80·5	80·2	80·6	80·1
19	79·4	79·7	79·6	79·0	79·6	79·5	79·6	79·5	79·7	80·1	80·6	80·6	80·5	80·2	79·8	79·3	78·5	78·3	77·7	77·1	76·4	76·4	76·3	76·4	79·0
20	76·5	76·5	76·3	75·9	75·9	76·0	76·1	76·1	76·1	76·2	76·4	76·5	76·8	76·9	77·0	77·1	77·1	77·1	77·1	77·3	77·1	77·0	75·9	75·6	76·5
21	74·9	74·1	73·8	74·4	74·4	76·1	76·1	77·3	75·9	77·2	77·3	76·4	78·2	77·9	78·2	78·1	78·3	78·2	78·3	77·5	77·3	77·1	76·9	77·0	76·7
22	76·5	75·9	75·5	75·4	75·6	75·6	75·5	76·0	76·7	76·4	76·4	76·6	76·7	77·0	77·1	77·2	76·2	77·1	76·1	76·0	75·8	75·5	74·8	74·3	76·1
23	74·3	73·5	72·9	73·0	74·3	74·9	74·9	74·7	75·0	75·7	76·0	77·5	78·2	78·4	78·8	78·6	77·9	78·3	76·7	77·7	78·0	75·9	78·1	78·0	76·2
24	77·5	78·1	78·6	78·9	78·6	77·7	77·3	75·8	74·8	75·0	75·4	77·3	78·5	77·8	78·1	77·8	77·0	77·3	77·2	77·3	77·9	78·5	78·4	78·8	77·5
25	78·7	78·7	78·7	78·8	79·3	79·5	79·7	79·8	79·6	79·9	80·9	81·5	81·5	83·6	83·7	83·4	82·9	82·5	82·1	82·5	82·8	83·0	83·5	83·7	81·2
26	83·7	82·8	82·8	82·9	82·4	82·4	81·9	81·2	81·6	82·2	82·4	82·6	83·4	84·2	84·2	84·0	82·8	82·7	82·3	82·3	82·2	82·6	82·6	82·5	82·7
27	82·8	83·1	83·2	82·0	82·5	81·9	82·6	82·6	82·2	82·3	81·7	82·2	82·4	82·8	82·6	81·5	82·2	82·1	81·1	81·5	81·8	81·5	81·8	81·6	82·2
28	81·5	81·7	82·1	82·3	82·5	83·3	83·4	83·5	83·8	84·4	84·4	84·5	84·6	84·9	85·2	84·8	84·2	83·6	83·2	83·6	83·8	83·7	83·8	83·9	83·6
29	83·3	84·9	85·2	85·5	85·0	84·8	84·8	84·8	83·3	82·4	81·8	81·7	82·2	85·5	85·9	85·7	85·2	83·8	84·4	84·4	83·3	83·3	82·6	79·6	84·0
30	81·0	81·4	80·7	81·7	82·2	81·3	82·0	82·4	81·5	79·6	80·4	81·2	81·8	82·4	83·4	83·0	81·5	81·9	81·6	81·4	81·5	80·6	81·4	81·3	81·5
31	80·8	81·4	81·7	81·9	82·2	82·4	82·4	82·4	81·6	81·5	82·3	81·9	81·8	81·6	81·4	81·7	82·1	81·8	81·7	81·7	81·6	80·8	80·2	80·0	81·6
Mean ...	79·1	79·2	79·0	78·9	**78·9**	79·1	79·1	79·1	79·1	79·3	79·7	80·2	80·5	80·9	**80·9**	80·6	80·2	80·0	79·7	79·6	79·6	79·5	79·4	79·3	79·6
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

From readings in degrees absolute at exact hours, Greenwich Mean Time.

317. Cahirciveen (Valentia Observatory) : North Wall Screen : $h_t = 1·3$ metres. **1925.**

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
82·30	82·20	82·11	**82·03**	82·04	82·13	82·41	82·77	83·20	83·66	84·05	84·39	84·56	**84·66**	84·60	84·46	84·21	83·86	83·48	83·12	82.88	82·73	82·56	82·43	83·20

TEMPERATURE: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

318. Cahirciveen (Valentia Observatory) : North Wall Screen : $h_t = 1·3$ metres. **1925**

Month.	Mean.	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
Jan.	281·44	−0·14	−0·10	−0·13	−0·09	+0·03	−0·04	−0·10	−0·16	−0·25	−0·11	+0·14	+0·53	+0·66	**+0·67**	+0·56	+0·39	+0·02	−0·04	−0·19	−0·41	**−0·45**	−0·35	−0·36	−0·17
Feb.	279·82	−0·43	**−0·53**	−0·31	−0·33	−0·17	−0·29	−0·24	−0·34	−0·01	+0·17	+0·49	+0·81	**+0·82**	+0·69	+0·53	+0·55	+0·41	+0·14	−0·07	−0·21	−0·33	−0·44	−0·40	−0·39
Mar.	279·96	−0·73	−0·94	−1·03	−1·22	−1·11	−1·21	**−1·36**	−1·08	−0·48	+0·27	+0·73	+1·13	+1·41	+1·61	**+1·64**	+1·47	+1·20	+0·91	+0·36	+0·06	−0·08	−0·28	−0·58	−0·69
Apr.	281·22	−1·09	−1·34	−1·56	−1·68	**−1·85**	−1·68	−1·31	−0·58	+0·16	+0·77	+1·17	+1·42	+1·54	**+1·67**	+1·59	+1·48	+1·37	+1·10	+0·62	+0·18	−0·21	−0·40	−0·60	−0·79
May	283·38	−1·13	−1·29	−1·53	−1·54	**−1·58**	−1·35	−0·59	+0·03	+0·47	+0·93	+1·07	+1·32	**+1·57**	+1·45	+1·32	+1·18	+1·34	+0·93	+0·53	−0·04	−0·55	−0·68	−0·87	−1·00
June	287·07	−1·86	−1·97	−2·13	−2·29	**−2·36**	−1·76	−0·56	+0·17	+0·67	+1·14	+1·37	+1·77	+1·83	+2·03	+2·08	**+2·33**	+2·01	+1·35	+0·82	+0·10	−0·65	−1·03	−1·34	−1·67
July	287·31	−1·14	−1·19	−1·32	**−1·45**	−1·44	−1·18	−0·71	−0·23	+0·30	+0·69	+0·99	+1·16	+1·34	+1·48	**+1·55**	+1·45	+1·24	+0·75	+0·39	0·00	−0·29	−0·57	−0·77	−0·96
Aug.	**287·90**	−1·35	−1·48	−1·62	**−1·65**	−1·59	−1·60	−0·92	−0·21	+0·45	+0·91	+1·34	+1·64	**+1·77**	+1·66	+1·62	+1·57	+1·44	+0·97	+0·58	−0·12	−0·52	−0·72	−0·97	−1·17
Sept.	285·61	−0·96	**−0·97**	−0·93	−0·95	−0·90	−0·94	−0·87	−0·41	+0·27	+0·71	+1·05	+1·23	+1·39	**+1·53**	+1·35	+1·16	+0·78	+0·49	−0·05	−0·38	−0·48	−0·63	−0·69	−0·78
Oct.	285·04	−0·89	−1·00	−1·11	−1·19	−1·10	−1·20	**−1·22**	−1·00	−0·45	+0·27	+0·94	+1·35	+1·71	**+1·73**	+1·66	+1·36	+1·05	+0·63	+0·31	+0·08	−0·09	−0·35	−0·63	−0·75
Nov.	279·75	−0·55	−0·79	−0·81	−0·92	**−1·04**	−1·03	−1·01	−0·83	−0·62	+0·10	+0·74	+1·30	+1·62	**+1·74**	+1·58	+1·14	+0·69	+0·33	−0·08	−0·17	−0·15	−0·35	−0·26	−0·53
Dec.	**279·61**	−0·51	−0·43	−0·62	−0·70	**−0·74**	−0·53	−0·53	−0·53	−0·49	−0·31	+0·08	+0·56	+0·93	+1·24	**+1·29**	+0·95	+0·56	+0·35	+0·12	+0·03	−0·02	−0·16	−0·17	−0·31
Year	283·20	−0·90	−1·00	−1·09	**−1·17**	−1·16	−1·07	−0·79	−0·43	0·00	+0·46	+0·85	+1·19	+1·36	**+1·46**	+1·38	+1·26	+1·01	+0·66	+0·28	−0·08	−0·32	−0·49	−0·64	−0·77

ABSOLUTE EXTREMES OF TEMPERATURE FOR EACH DAY.

Maximum and minimum for the interval 0 h. to 24 h., Greenwich Mean Time.

319 Cahirciveen (Valentia Observatory) : North Wall Screen : $h_t = 1·3$ metres. **1925.**

Month.	Jan.		Feb.		Mar.		April		May		June	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	83·8	78·7	81·5	78·5	80·8	78·2	82·9	73·6	84·9	79·4	86·4	81·3
2	83·6	78·0	84·0	80·6	81·5	78·3	82·5	77·4	85·2	79·6	87·1	82·9
3	80·3	75·9	**84·4**	81·5	79·9	75·4	81·7	**73·4**	85·9	81·6	86·5	83·5
4	81·0	76·4	84·0	79·7	80·5	75·5	83·2	79·5	83·8	77·9	88·2	84·1
5	80·6	77·2	84·3	79·4	81·6	79·0	84·1	79·5	82·6	**77·1**	87·6	82·4
6	80·3	**75·4**	80·7	77·0	83·5	81·0	83·6	78·6	83·9	78·8	89·9	80·3
7	81·5	80·0	83·6	76·4	82·8	79·4	84·3	75·7	83·6	80·1	92·7	**79·7**
8	83·4	81·1	**84·4**	81·8	80·5	76·5	84·2	76·0	84·6	81·8	93·0	81·4
9	82·1	76·2	84·1	80·1	78·9	75·8	84·6	77·0	84·5	81·5	**96·5**	86·6
10	83·6	80·5	83·9	78·3	81·4	74·9	84·4	78·2	85·4	80·5	93·9	83·8
11	82·2	80·1	79·8	74·9	82·9	80·1	83·7	78·2	85·4	82·4	94·8	86·4
12	83·9	81·9	79·5	74·4	82·7	77·6	84·5	80·8	86·0	81·4	93·8	86·5
13	**85·6**	82·5	78·7	75·6	83·6	78·8	83·8	80·0	84·7	80·3	90·4	85·7
14	84·5	79·8	79·9	75·4	83·5	81·5	84·5	79·7	88·3	80·0	91·2	86·2
15	80·7	76·8	80·8	75·4	**85·6**	78·0	82·5	78·9	85·2	82·7	89·6	85·7
16	84·1	77·6	80·7	78·6	83·3	77·9	83·0	79·3	85·4	80·4	88·7	85·2
17	84·6	83·1	81·6	78·7	83·4	80·7	84·3	78·7	86·7	79·8	88·1	84·4
18	84·3	82·4	80·5	77·8	83·5	78·5	83·0	79·3	86·7	78·4	88·0	84·3
19	83·8	82·3	80·4	75·3	83·6	76·5	82·6	77·8	85·9	82·0	88·9	84·9
20	84·1	82·7	80·1	**73·1**	82·3	78·1	**85·1**	77·7	86·7	81·2	88·5	85·0
21	84·1	82·8	79·5	76·5	79·9	75·5	85·0	76·5	84·9	80·4	88·6	85·6
22	84·6	79·4	82·0	75·4	79·5	73·6	84·6	80·4	86·6	82·7	90·2	83·5
23	81·9	78·0	79·6	76·4	82·5	74·6	82·0	78·5	88·4	84·2	88·3	82·3
24	83·7	81·3	80·4	77·1	82·0	77·1	83·6	79·1	**88·5**	83·8	90·7	83·1
25	84·7	79·5	82·2	77·8	80·9	77·3	84·2	80·5	87·3	81·2	88·9	84·5
26	81·3	78·5	81·3	77·5	80·6	74·6	83·4	80·3	85·6	83·4	88·6	85·0
27	80·1	76·4	82·0	78·4	81·7	**73·2**	84·0	80·1	86·3	81·4	88·5	85·4
28	82·0	79·1	81·8	79·0	82·0	77·1	84·1	78·6	86·2	80·9	90·5	85·2
29	84·4	80·9	—	—	82·1	74·2	82·3	77·6	86·4	82·0	90·9	86·0
30	84·6	82·2	—	—	84·5	80·2	81·3	77·0	86·4	81·4	90·6	83·8
31	82·8	77·1	—	—	82·2	78·7	—	—	87·3	81·6	—	—
Mean	83·0	79·5	81·6	77·5	82·1	77·3	83·6	78·3	85·8	81·0	90·0	84·2

Month.	July.		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	89·8	**82·3**	88·1	84·6	88·8	86·4	87·1	78·3	**86·7**	82·6	79·5	72·4
2	89·8	85·0	89·6	85·2	89·1	86·1	85·1	79·1	86·2	81·8	78·0	**70·8**
3	87·5	85·9	90·2	84·3	88·3	84·4	88·0	82·7	85·1	81·4	79·8	72·8
4	87·8	85·4	91·9	84·3	87·3	83·4	**92·2**	86·5	84·9	78·8	81·3	79·8
5	89·8	82·5	89·6	85·8	88·3	85·3	91·6	87·5	84·5	78·4	83·7	80·0
6	89·5	85·1	90·4	85·4	87·1	84·4	89·8	86·8	84·5	77·5	85·7	83·6
7	89·7	83·8	89·8	84·1	87·4	84·3	89·7	84·5	84·8	80·3	85·0	84·1
8	88·5	83·6	90·5	83·5	87·9	84·1	87·4	83·1	80·7	78·2	84·3	77·9
9	88·3	85·2	90·5	84·0	87·3	83·8	86·6	78·4	81·8	77·7	81·7	78·6
10	88·8	86·3	88·9	83·1	86·4	83·2	85·6	**76·4**	80·0	75·2	82·0	79·9
11	92·0	86·2	89·5	82·4	86·8	80·8	87·0	77·1	80·2	73·5	80·7	76·4
12	91·1	87·2	90·8	87·7	87·8	**78·2**	86·4	77·2	82·8	75·6	79·8	73·9
13	92·9	87·2	90·6	87·0	88·1	82·6	86·8	78·9	81·8	80·0	80·4	73·7
14	88·5	86·4	91·7	85·4	88·8	85·3	83·7	80·5	82·8	80·9	78·4	74·7
15	90·0	84·4	93·3	83·8	88·3	83·6	87·0	81·3	83·0	81·2	82·4	74·3
16	88·9	83·7	**94·1**	83·9	88·7	81·7	88·2	84·4	81·8	77·6	80·7	78·5
17	89·5	85·3	92·6	84·0	87·6	83·2	87·6	84·3	82·2	78·5	80·9	78·6
18	85·6	84·4	93·9	86·4	87·8	83·2	87·5	84·4	82·3	73·8	81·5	77·4
19	88·7	85·1	88·8	86·3	86·3	82·9	88·1	85·1	79·6	71·9	80·7	76·2
20	91·4	85·5	90·1	84·8	87·0	81·5	88·7	87·1	79·4	**71·1**	77·4	75·4
21	92·6	84·7	89·5	84·3	87·7	83·6	87·6	85·4	79·6	71·4	78·7	73·6
22	91·6	86·6	90·5	87·1	87·2	83·7	87·5	84·8	79·1	75·7	77·2	74·3
23	90·7	87·6	90·7	86·1	86·6	83·3	86·2	84·5	80·9	76·3	79·0	72·5
24	**95·3**	87·0	88·4	85·3	86·4	82·2	84·7	81·3	81·7	74·1	78·9	74·6
25	87·7	84·7	88·3	**81·5**	86·9	83·5	86·2	83·1	82·5	76·6	83·9	78·6
26	87·0	83·2	90·4	87·5	86·3	82·9	86·4	82·7	80·1	74·5	84·3	81·2
27	87·5	85·1	89·7	86·9	87·1	81·0	86·1	82·1	80·1	73·7	83·2	81·0
28	89·6	84·8	89·6	87·5	**90·1**	86·3	86·7	82·1	81·9	78·5	85·2	81·4
29	88·8	85·5	89·4	83·7	88·7	86·9	86·6	83·5	82·9	78·7	**86·0**	79·5
30	90·2	84·4	91·2	83·6	87·3	80·5	86·3	83·8	81·5	78·3	83·4	79·5
31	88·8	85·9	90·5	87·4	—	—	86·6	84·1	—	—	82·5	80·0
Mean	89·6	85·2	90·4	85·1	87·6	83·4	87·3	82·6	82·2	77·1	81·5	77·3

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

320. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

January, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure *
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	81	77	85	89	84	82	81	79	82	85	85	84	87	87	92	92	84	61	61	59	64	65	68	73	78·9	8·7
2	80	89	93	93	92	91	93	87	83	76	78	81	76	72	80	75	79	77	71	83	77	79	82	78	81·8	8·4
3	79	72	87	83	70	76	72	70	81	83	83	85	81	79	77	74	73	83	85	89	90	87	93	93	80·7	7·2
4	89	89	88	85	86	83	83	80	79	79	76	75	76	71	73	74	78	75	78	89	88	86	85	85	81·4	7·6
5	79	82	81	82	75	78	83	82	79	89	83	79	79	76	73	73	79	76	77	82	76	77	73	75	78·9	7·5
6	83	83	85	77	82	84	89	83	91	91	91	87	89	89	85	83	86	86	85	85	86	87	81	82	85·3	7·8
7	80	82	83	76	76	79	77	79	77	76	73	72	72	73	77	75	80	78	78	78	77	84	78	80	77·5	7·9
8	87	87	89	92	91	92	93	91	87	92	92	91	92	91	93	89	84	83	82	76	74	72	68	66	85·9	9·9
9	72	68	76	80	86	87	88	89	91	89	89	86	83	79	81	80	85	83	78	81	82	83	85	82	82·3	8·2
10	79	76	77	79	83	82	85	85	85	85	85	86	86	87	86	87	87	87	84	86	91	91	85	78	84·3	9·9
11	81	82	82	84	85	89	87	87	86	80	81	83	83	79	82	83	83	84	91	87	84	84	87	87	84·0	9·2
12	85	87	85	86	87	87	86	86	86	85	85	86	86	85	84	84	79	78	78	87	89	88	87	79	85·0	10·5
13	80	81	78	81	83	87	90	85	89	89	88	88	89	90	90	90	91	89	90	91	89	90	87	79	86·8	11·4
14	83	79	70	70	66	70	71	72	79	80	76	71	72	73	76	78	80	83	83	86	87	89	93	91	78·0	8·5
15	93	93	91	90	87	82	85	86	81	84	87	85	79	79	78	76	81	77	81	83	85	79	79	75	83·5	7·7
16	77	78	80	80	79	79	77	79	85	85	86	86	89	95	88	92	93	95	96	96	97	99	93	96	87·1	9·4
17	93	93	93	95	95	95	95	95	93	93	93	88	90	90	89	92	93	93	93	93	93	93	93	92	**92·8**	**11·9**
18	93	93	91	91	91	87	89	91	91	89	90	91	91	91	92	91	91	92	89	91	86	88	87	86	90·2	11·2
19	88	89	88	91	93	93	91	89	88	86	87	85	80	78	76	76	78	75	77	80	83	85	87	89	84·6	10·4
20	91	91	93	91	92	91	88	86	87	88	88	86	86	85	86	87	88	85	82	81	82	81	80	80	86·6	10·8
21	77	78	77	78	77	76	77	79	77	78	77	76	78	81	82	83	83	82	81	81	81	82	81	81	79·3	10·0
22	78	78	79	86	86	89	85	92	92	92	87	86	87	86	83	87	91	93	84	81	84	83	81	80	85·4	9·5
23	77	78	80	77	73	75	80	79	75	75	81	78	73	68	73	77	80	81	81	76	77	78	85	80	77·4	8·1
24	81	79	82	82	83	87	89	91	91	93	89	92	93	93	95	95	95	95	95	96	96	96	96	95	90·5	11·4
25	96	96	95	95	95	93	92	88	84	83	80	79	81	81	79	85	83	84	84	81	77	79	74	73	85·3	10·0
26	73	72	70	71	71	70	72	72	71	71	71	73	71	70	72	72	73	72	74	73	73	73	74	77	**72·0**	**7·1**
27	82	83	83	85	82	82	85	86	86	87	89	90	85	85	83	83	85	86	89	88	91	89	92	86	85·7	8·2
28	87	92	93	91	91	89	86	87	84	75	76	75	69	71	64	64	75	68	69	70	73	74	83	91	78·9	8·1
29	91	93	92	91	89	88	87	85	89	89	89	90	90	95	92	89	89	88	87	87	91	95	95	96	90·2	10·9
30	91	90	89	87	85	86	86	79	82	82	79	81	83	83	81	82	84	83	83	86	87	87	93	92	85·1	11·1
31	88	88	89	86	89	91	89	89	82	85	81	80	71	76	82	74	79	73	65	76	76	73	79	67	80·9	8·0
Mean ...	83·7	83·8	84·6	84·6	84·0	84·5	**84·9**	84·1	84·3	84·3	83·7	83·1	82·2	**81·9**	82·1	82·0	83·5	82·1	81·6	83·2	83·4	83·7	84·0	82·7	83·4	†9·2
Vapour Pressure* ...	mb. 9·1	mb. 9·1	mb. 9·2	mb. 9·3	mb. 9·2	mb. 9·3	mb. 9·3	mb. 9·1	mb. 9·1	mb. 9·2	mb. 9·3	mb. **9·5**	mb. 9·5	mb. 9·5	mb. 9·4	mb. 9·3	mb. 9·2	mb. 9·0	mb. 8·9	mb. **8·8**	mb. 8·8	mb. 9·0	mb. 9·0	mb. 9·0	mb. ‡9·2	

321. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres.

February, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure *
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	65	75	65	58	71	64	65	75	75	76	72	67	69	72	72	75	75	73	74	74	75	73	75	76	71·4	7·3
2	76	76	78	80	83	85	87	85	88	88	88	92	93	93	96	96	96	95	96	93	95	95	95	95	88·9	10·5
3	96	96	95	95	96	96	96	92	89	91	91	89	91	91	93	93	91	91	92	89	92	89	87	91	**92·3**	**11·4**
4	92	82	79	76	79	81	84	81	82	87	83	82	82	84	88	87	85	86	89	90	93	92	91	86	85·1	10·0
5	91	91	89	87	90	92	92	92	95	93	93	93	92	89	89	90	87	87	87	87	82	82	79	85	88·9	10·0
6	86	81	81	82	81	74	75	77	72	75	81	72	67	67	68	65	80	74	72	79	74	73	81	69	75·6	7·3
7	64	64	71	73	65	73	81	83	83	79	85	86	87	91	94	93	97	97	96	96	97	96	97	96	84·6	8·6
8	97	96	96	96	95	95	96	96	97	97	96	92	89	86	90	91	87	89	89	85	87	89	84	81	91·8	11·4
9	81	81	81	79	81	79	87	84	84	89	93	89	83	87	85	80	81	81	81	82	83	84	81	86	83·3	9·4
10	82	82	83	80	77	85	91	82	79	77	81	91	92	89	90	89	89	90	90	90	91	90	88	88	86·0	9·4
11	90	88	87	85	82	85	85	87	77	75	75	71	71	76	76	80	74	73	83	89	88	84	84	80	81·2	6·8
12	81	73	71	73	75	75	79	89	88	83	83	77	73	77	88	88	88	88	85	80	87	91	92	92	82·1	6·8
13	89	89	83	83	85	87	83	84	79	77	76	76	84	89	84	71	75	78	85	80	88	85	87	89	82·8	6·7
14	85	83	85	82	77	75	73	70	73	69	69	69	75	75	77	70	69	74	73	73	73	77	75	81	75·3	6·6
15	77	76	73	71	74	76	73	73	68	69	73	68	67	68	69	77	75	69	74	76	76	80	76	79	73·3	7·1
16	82	78	77	82	79	82	71	78	71	85	81	85	79	76	81	75	72	72	75	71	71	73	74	72	76·9	7·5
17	76	74	79	81	85	83	82	78	82	76	69	69	63	67	72	73	74	77	77	76	81	78	76	72	75·8	7·4
18	69	70	73	77	76	75	77	79	76	77	73	73	83	70	71	65	72	77	73	82	79	77	76	79	74·8	7·0
19	77	78	77	76	77	86	82	83	74	77	72	68	68	69	65	63	64	75	72	79	79	77	83	83	75·1	6·9
20	87	87	85	85	85	85	85	79	77	77	77	77	82	87	87	90	90	84	82	73	72	66	72	75	81·3	6·8
21	77	78	68	67	72	85	67	66	69	65	64	62	71	64	67	66	64	73	75	74	70	69	74	72	**70·0**	**6·2**
22	81	82	81	83	87	82	80	77	82	82	79	85	89	89	92	92	93	93	89	91	87	82	69	70	84·1	7·8
23	69	71	77	85	74	67	67	68	70	79	72	77	79	72	75	78	73	79	85	85	83	79	83	81	75·9	6·6
24	78	80	86	89	86	89	90	85	78	77	82	75	77	73	83	72	73	76	76	88	81	83	83	79	80·8	7·5
25	78	89	90	81	83	85	80	83	85	87	85	79	78	79	84	81	81	85	93	92	91	83	82	78	83·9	8·4
26	83	88	87	87	90	85	83	87	83	78	86	76	76	75	74	77	68	72	73	71	72	71	75	69	78·8	7·7
27	77	76	79	70	71	69	62	71	68	70	68	72	72	83	72	67	70	73	70	70	71	70	71	79	71·5	7·5
28	79	82	85	85	79	79	76	83	83	81	77	85	83	85	83	80	80	76	78	81	82	79	80	80	80·9	8·2
Mean ...	80·9	80·9	80·7	80·3	80·5	81·2	80·3	81·0	79·5	79·9	79·4	**78·5**	79·1	79·4	80·9	79·4	79·4	80·6	81·6	82·0	**82·1**	81·0	81·1	80·8	80·4	†8·0
Vapour Pressure * ...	mb. 7·7	mb. **7·7**	mb. 7·8	mb. 7·7	mb. 7·8	mb. 7·8	mb. 7·8	mb. 7·9	mb. 7·9	mb. 8·0	mb. 8·1	mb. 8·1	mb. 8·2	mb. 8·2	mb. **8·3**	mb. 8·1	mb. 8·0	mb. 8·1	mb. 8·1	mb. 8·0	mb. 7·9	mb. 7·8	mb. 7·8	mb. 7·7	mb. ‡7·9	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	17.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

322. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

March, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure *
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	79	82	82	86	84	80	82	83	81	78	75	75	71	68	65	67	75	69	69	72	71	72	73	73	75·6	7·3
2	75	75	74	75	75	77	76	78	78	77	75	75	75	76	76	77	78	80	80	81	80	79	81	79	77·0	7·4
3	79	77	77	81	82	83	85	85	79	78	77	76	64	63	62	62	61	64	63	63	72	74	73	69	73·1	6·2
4	66	72	79	79	71	73	81	76	72	70	68	67	69	68	66	69	71	72	79	81	78	72	76	79	72·9	6·3
5	80	80	80	81	83	75	81	78	76	73	75	69	70	68	70	72	72	72	71	73	70	73	73	75	74·7	7·8
6	73	70	71	73	71	70	71	73	74	74	73	65	67	72	71	77	81	83	83	82	82	82	82	87	75·0	8·7
7	88	89	88	85	89	92	93	93	93	87	84	76	66	65	73	79	73	73	71	67	72	73	73	72	80·1	8·9
8	65	71	63	75	66	64	62	66	67	69	87	66	70	65	69	65	62	67	75	74	73	75	85	74	69·7	6·4
9	73	73	73	81	67	80	73	73	77	70	73	76	79	71	70	72	70	68	73	73	70	69	77	79	73·2	6·1
10	77	84	87	87	89	87	88	88	90	88	70	68	75	66	68	76	77	69	70	72	73	77	80	79	78·5	7·1
11	86	93	92	92	91	86	86	86	86	86	83	76	78	72	75	76	72	75	76	78	83	85	86	86	82·6	9·1
12	90	90	90	90	89	81	84	84	79	70	67	71	65	70	71	73	75	76	80	82	85	85	81	81	79·6	8·1
13	86	85	87	89	85	85	89	89	84	82	81	79	81	87	87	85	86	91	88	87	92	92	95	93	86·6	9·5
14	95	95	95	95	95	92	91	91	91	88	88	84	83	80	82	83	86	87	89	89	89	89	87	83	88·8	**10·3**
15	89	89	91	89	89	85	91	92	88	78	77	76	76	73	81	81	77	81	83	85	86	90	90	91	84·3	9·7
16	91	91	94	95	93	93	95	91	92	91	88	86	85	79	81	83	87	89	91	91	89	89	88	87	**89·2**	9·8
17	91	91	91	91	89	92	92	93	91	88	84	85	79	76	72	75	80	85	84	87	88	87	87	86	86·0	9·8
18	86	86	85	87	87	89	89	85	85	81	76	70	71	70	67	69	69	71	80	83	82	85	86	86	81·0	8·8
19	89	88	89	91	89	89	92	89	90	87	83	79	76	71	73	71	69	72	79	77	85	84	86	82	82·6	8·4
20	83	87	90	90	91	91	89	91	89	80	80	81	70	73	66	65	68	67	71	69	76	76	77	73	79·1	8·1
21	74	87	74	82	70	77	85	81	81	71	66	63	61	59	59	58	74	70	72	85	77	78	80	83	73·4	6·2
22	81	77	75	75	72	73	77	75	67	64	65	62	60	58	60	59	58	62	64	72	76	79	79	81	69·7	**5·5**
23	82	82	84	85	87	84	88	82	80	79	74	73	77	86	83	82	81	87	87	88	86	89	89	87	83·3	8·1
24	91	82	82	87	85	84	81	85	83	69	69	69	70	64	64	70	76	70	79	70	71	76	79	75	76·5	7·9
25	80	77	77	77	80	75	80	74	77	75	68	70	65	63	71	76	78	76	76	78	75	75	76	72	74·7	7·0
26	77	78	77	75	70	68	70	70	70	68	66	67	63	62	61	58	60	61	64	70	74	79	83	83	**69·5**	6·3
27	81	81	81	80	81	85	79	82	69	63	64	63	63	60	59	61	65	65	71	77	77	85	86	85	73·4	6·4
28	79	79	86	89	86	81	81	79	77	69	71	70	66	65	66	66	66	66	72	76	79	78	83	87	75·7	7·7
29	92	87	89	87	87	85	85	85	84	83	72	71	72	73	74	72	72	75	75	76	77	78	83	83	80·0	7·4
30	85	85	75	77	79	75	76	85	78	75	73	67	68	65	69	78	73	73	76	76	77	84	84	84	76·5	8·8
31	83	81	82	81	87	91	91	89	84	83	78	75	79	72	67	69	68	67	71	72	66	66	70	72	77·1	8·1
Mean ...	82·1	82·7	82·6	**84·1**	82·5	82·0	83·3	82·9	81·0	77·2	75·2	72·6	71·4	**69·7**	70·3	71·8	72·9	73·6	76·2	77·6	78·4	79·8	81·5	80·8	78·0	†7·8
Vapour Pressure ...	mb. 7·8	mb. 7·7	mb. 7·6	mb. 7·7	mb. 7·6	mb. **7·5**	mb. 7·5	mb. 7·6	mb. 7·8	mb. 7·8	mb. 7·9	mb. 7·8	mb. 7·8	mb. 7·8	mb. 7·8	mb. **7·9**	mb. 7·8	mb. 7·8	mb. 7·8	mb. 7·8	mb. 7·7	mb. 7·8	mb. 7·8	mb. 7·7	mb. ‡7·8	

323. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres.

April, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure *
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	75	79	82	85	85	85	87	83	79	74	71	70	63	66	66	69	68	70	77	75	77	82	83	89	76·3	7·1
2	86	87	86	89	90	91	90	91	91	85	78	75	68	72	72	70	65	71	71	69	71	77	79	75	79·4	8·1
3	79	80	83	77	81	83	83	83	79	68	66	66	67	66	66	68	70	73	75	83	86	83	83	81	76·1	**7·0**
4	86	83	89	92	91	93	91	92	93	93	95	92	87	82	76	75	72	75	78	81	82	79	81	78	84·9	9·2
5	80	90	90	90	90	89	87	91	87	90	85	80	76	83	84	78	76	75	76	78	75	77	76	79	82·6	9·0
6	77	79	80	85	82	85	86	82	78	73	69	69	73	72	72	72	70	76	77	84	86	85	87	90	78·5	8·6
7	91	92	90	92	91	89	91	87	91	82	76	74	74	77	77	71	73	73	78	83	86	89	90	93	83·7	8·6
8	93	89	92	90	89	87	85	79	77	77	78	76	78	89	92	91	89	85	88	91	88	93	93	93	86·7	9·4
9	95	96	95	97	99	93	93	94	93	89	84	81	76	81	81	83	78	78	78	78	78	78	77	84	86·0	9·6
10	78	81	87	83	87	86	86	85	82	78	71	70	70	68	65	67	76	77	79	85	87	91	90	89	79·8	8·9
11	90	89	84	83	83	79	79	74	75	71	77	78	81	86	85	87	91	92	93	91	91	85	86	84	84·0	9·5
12	84	78	78	79	84	81	80	78	76	72	76	73	69	69	71	78	87	93	92	92	93	95	95	93	81·7	9·8
13	95	96	92	92	79	79	68	77	61	69	69	68	67	71	71	71	73	72	73	77	77	81	79	77	76·7	8·8
14	81	83	85	89	91	92	93	95	95	96	96	96	96	95	95	95	95	96	95	95	93	85	80	75	**91·2**	**11·0**
15	72	75	76	76	77	78	70	78	72	73	77	84	75	68	80	73	63	65	79	75	78	78	71	69	74·4	7·9
16	69	82	71	64	66	72	68	65	69	72	63	70	73	70	66	68	68	70	77	71	73	75	80	84	70·8	7·7
17	86	89	89	89	90	86	87	84	83	89	89	89	89	89	91	92	93	92	93	93	93	92	89	88	89·3	10·1
18	91	91	93	95	91	85	84	86	80	77	84	75	74	67	67	65	65	68	66	64	75	68	68	67	77·4	8·6
19	68	67	75	77	84	83	81	83	83	79	80	77	78	74	76	76	75	73	76	76	75	72	72	72	76·2	7·8
20	77	78	78	75	76	79	78	76	70	63	65	65	64	65	65	62	63	65	67	70	80	79	85	85	71·8	7·9
21	87	89	88	89	88	86	79	85	78	79	75	76	74	74	77	77	79	82	87	92	93	93	92	93	83·7	9·5
22	95	91	95	92	91	89	89	87	88	86	85	81	81	81	84	92	91	93	93	79	78	78	75	71	86·5	10·4
23	77	69	75	72	77	75	76	74	77	72	77	76	72	75	69	83	75	72	76	76	72	73	76	81	74·7	7·8
24	73	76	71	77	67	73	69	69	66	69	66	67	64	65	68	69	73	73	77	79	82	84	85	87	72·7	8·1
25	89	91	93	93	95	93	96	95	95	91	85	83	85	85	85	87	81	72	74	73	68	65	65	68	84·0	9·5
26	75	76	78	64	67	62	67	65	63	67	71	67	66	65	69	69	69	70	71	76	75	76	76	80	**69·9**	7·9
27	87	89	90	95	96	97	97	93	92	92	88	86	85	79	73	70	77	79	78	80	84	85	86	87	85·9	9·8
28	87	85	86	85	86	83	85	79	75	71	65	66	65	66	66	65	59	59	67	74	76	78	78	76	74·5	8·3
29	80	78	81	81	83	81	82	76	73	66	60	58	57	59	60	61	59	62	65	67	69	76	74	75	70·1	7·0
30	81	83	79	82	84	85	76	85	88	87	89	84	77	82	78	87	77	66	67	71	73	75	75	74	79·4	7·3
Mean ...	82·8	83·7	84·4	84·3	**84·7**	84·0	82·8	82·4	80·3	78·3	77·0	75·7	**74·1**	74·7	74·9	75·7	75·0	75·6	78·1	79·3	80·5	80·9	80·9	81·2	79·6	†8·6
Vapour Pressure * ...	mb. 8·3	mb. 8·3	mb. 8·2	mb. 8·1	mb. 8·1	mb. **8·1**	mb. 8·2	mb. 8·5	mb. 8·7	mb. 8·9	mb. 9·0	mb. **9·1**	mb. 8·9	mb. 9·0	mb. 9·0	mb. 9·0	mb. 8·9	mb. 8·9	mb. 8·8	mb. 8·6	mb. 8·5	mb. 8·5	mb. 8·4	mb. 8·4	mb. †8·6	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

324. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

May, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour pressure *
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	76	76	77	79	75	79	75	74	73	71	72	71	71	72	67	68	74	77	80	78	82	85	87	87	75·8	8·6
2	86	87	87	86	87	85	83	79	73	67	69	71	73	75	76	78	78	78	77	80	76	70	70	76	78·0	9·3
3	84	83	80	81	85	87	91	92	91	92	91	90	91	87	86	87	89	82	86	87	92	91	91	89	87·5	11·1
4	91	91	91	86	83	83	83	74	75	69	76	80	75	68	82	77	72	74	75	79	83	83	87	85	80·2	8·7
5	84	88	87	88	89	88	89	91	89	89	84	86	89	86	85	83	78	80	76	78	77	79	81	81	84·5	**8·2**
6	82	83	89	87	87	90	85	84	80	73	65	69	67	70	83	78	74	75	73	74	75	78	83	80	78·5	8·5
7	77	87	83	83	87	87	86	86	84	81	80	78	84	82	82	80	76	81	80	84	85	87	83	81	82·6	9·4
8	76	82	87	91	91	88	79	80	73	82	78	77	76	73	74	73	69	76	80	84	87	85	87	85	80·5	9·9
9	84	82	79	85	84	84	79	81	78	77	77	79	81	86	83	80	88	74	72	74	72	73	73	73	79·3	9·3
10	74	73	73	81	78	76	78	73	71	66	69	72	76	73	77	76	74	76	82	86	89	93	91	95	77·5	9·5
11	96	95	96	93	92	95	93	85	72	75	73	76	73	76	77	74	76	78	79	80	82	86	84	83	83·1	10·7
12	87	87	88	89	89	92	91	91	92	90	92	95	95	95	93	90	84	81	81	80	85	84	86	84	88·4	11·3
13	84	84	87	87	87	86	85	87	88	85	83	85	87	84	84	86	90	87	86	89	89	89	88	91	86·4	10·4
14	89	92	93	90	91	95	89	90	82	77	73	70	71	78	80	77	76	80	83	91	95	93	93	93	85·0	11·4
15	95	93	92	91	91	89	89	87	87	91	93	93	93	95	96	93	92	93	92	91	91	91	90	88	**91·6**	12·0
16	87	87	88	88	87	88	91	91	93	89	89	89	87	83	79	75	77	76	79	81	80	85	86	85	85·1	10·1
17	83	83	85	85	87	86	82	79	70	69	69	70	69	67	69	69	63	73	76	78	82	80	79	83	76·5	9·5
18	84	83	87	89	89	91	82	72	70	69	62	74	68	72	72	66	64	67	68	68	70	72	77	82	74·9	9·4
19	81	80	83	84	85	79	77	82	82	78	75	74	77	74	76	84	77	77	78	84	83	82	81	86	79·9	10·3
20	88	88	89	92	87	89	88	84	74	79	78	79	74	71	75	73	71	72	73	76	80	80	79	81	80·1	10·4
21	80	84	87	79	86	80	76	75	75	85	85	87	86	85	86	92	91	92	91	92	93	92	92	92	85·7	10·3
22	91	93	93	96	93	92	91	86	80	81	82	89	87	78	77	75	72	75	81	82	84	86	84	83	84·8	11·3
23	83	84	87	87	87	84	81	80	76	76	71	73	73	83	77	75	71	67	64	69	70	76	76	75	77·0	11·6
24	78	77	76	74	76	79	78	74	71	69	69	68	65	64	71	65	80	80	77	73	82	82	84	86	**74·7**	11·1
25	90	86	91	93	95	93	88	84	80	82	81	81	82	72	70	76	81	79	79	81	83	83	77	75	82·8	11·2
26	79	78	79	83	85	86	84	87	91	91	89	93	95	96	96	95	95	93	95	97	96	97	97	96	90·1	**12·1**
27	95	95	93	93	89	87	82	75	75	72	76	75	74	83	85	79	75	85	83	83	83	89	79	79	83·0	10·9
28	80	86	82	79	82	82	80	78	81	80	75	80	77	84	80	86	83	82	83	85	86	81	81	75	81·3	10·4
29	75	76	81	82	85	86	87	87	92	92	93	93	90	88	88	93	93	90	88	87	84	86	83	86	86·6	11·3
30	86	83	87	81	88	88	78	77	78	70	67	68	71	73	72	85	74	73	75	81	81	78	80	77	78·1	10·0
31	79	77	82	82	87	81	79	78	77	76	76	72	71	73	72	74	73	73	79	77	81	83	85	81	77·7	10·3
Mean ...	84·0	84·6	85·8	85·9	**86·6**	86·3	83·8	82·0	79·8	78·8	**77·8**	79·3	79·0	78·9	79·7	79·4	78·4	78·9	79·7	81·6	83·2	83·8	83·7	83·6	81·9	†10·3
Vapour Pressure * ...	mb. 9·7	mb. 9·8	mb. **9·7**	mb. 9·7	mb. 9·8	mb. 9·8	mb. 10·1	mb. 10·3	mb. 10·3	mb. 10·5	mb. 10·4	mb. 10·8	mb. **11·0**	mb. 10·9	mb. 10·9	mb. 10·7	mb. 10·6	mb. 10·5	mb. 10·3	mb. 10·3	mb. 10·0	mb. 10·0	mb. 9·9	mb. 9·8	mb. ‡10·2	

325. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres.

June, 1925

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour pressure *
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	84	85	87	87	87	81	87	78	75	80	75	75	75	80	73	73	74	73	72	76	76	79	76	76	78·6	10·3
2	76	77	80	80	77	78	78	74	79	70	72	69	67	65	66	64	69	69	70	74	76	79	83	84	83·8	11·5
3	82	82	84	85	86	86	86	87	87	88	90	90	90	90	90	90	91	94	94	92	92	92	92	92	88·7	12·5
4	92	90	90	89	89	90	85	78	78	77	77	73	71	70	73	71	71	75	79	79	82	84	87	88	80·8	11·9
5	89	89	90	88	88	87	85	87	87	88	87	82	79	80	81	87	88	89	90	91	92	91	92	91	87·4	12·3
6	91	92	92	93	93	93	87	80	72	74	66	69	75	75	73	64	61	65	72	73	83	82	75	84	78·6	11·1
7	78	80	80	80	75	77	53	57	54	51	49	51	53	52	50	45	49	51	59	66	73	72	81	84	**63·3**	**9·9**
8	81	81	75	79	78	79	69	74	72	68	68	71	69	67	67	67	67	68	72	74	81	81	84	90	74·1	12·9
9	87	84	84	78	76	65	59	63	61	59	57	55	57	54	57	53	64	70	67	78	80	89	87	88	69·7	14·9
10	87	88	89	89	90	89	90	87	77	81	79	79	78	75	75	71	72	73	78	80	83	84	88	87	82·1	15·0
11	89	87	87	84	89	89	87	82	77	73	75	66	73	70	70	65	63	65	69	77	80	79	79	82	77·5	**15·6**
12	86	85	83	87	87	87	79	83	79	78	74	75	76	69	71	68	68	71	73	67	77	82	81	86	77·9	15·3
13	86	87	87	88	90	88	84	84	81	80	79	77	77	72	57	64	67	72	73	75	80	79	78	83	78·7	13·3
14	89	91	91	90	91	93	92	91	91	86	84	82	83	83	84	80	76	79	84	85	92	92	92	92	87·0	14·7
15	94	94	93	95	96	96	94	93	91	87	89	87	87	87	89	83	68	73	77	82	81	86	86	75	87·1	14·2
16	75	83	85	89	81	75	72	71	75	70	69	69	71	75	78	79	80	88	83	78	79	80	80	80	77·6	12·0
17	80	79	79	78	77	78	76	77	79	81	80	82	79	78	77	77	76	77	79	79	81	83	82	81	78·9	11·7
18	82	83	82	83	83	80	77	77	74	73	73	74	74	74	72	73	73	73	77	79	80	78	78	78	77·1	11·6
19	80	80	82	83	87	82	79	69	74	69	69	72	73	75	75	73	76	76	80	81	82	82	83	87	77·7	12·2
20	87	87	90	89	93	96	96	96	95	93	92	92	86	87	85	85	88	88	91	91	93	93	94	95	**90·7**	14·0
21	94	94	95	95	96	94	91	88	86	88	86	81	82	83	82	79	81	78	77	80	79	82	82	80	85·9	13·6
22	69	69	66	63	65	72	62	65	64	61	57	57	59	60	64	65	58	61	65	67	71	73	79	83	65·6	10·4
23	79	82	82	85	86	86	71	68	66	69	67	65	65	66	73	71	70	74	72	75	77	81	84	87	75·0	11·1
24	85	82	83	84	87	89	82	69	68	69	67	60	72	71	72	73	70	73	75	78	77	78	81	81	76·2	12·2
25	83	83	87	84	83	80	81	78	78	75	73	73	71	70	71	70	70	75	78	78	80	81	83	82	77·8	12·1
26	81	79	79	77	75	82	79	77	74	74	74	72	74	74	73	71	76	79	80	90	93	93	96	97	79·6	12·1
27	95	94	89	88	89	89	88	86	81	73	73	77	74	72	74	75	73	73	77	78	78	82	85	85	81·4	12·6
28	87	87	88	86	89	91	87	84	82	82	80	76	78	77	78	75	73	74	75	75	80	82	87	88	81·6	13·6
29	88	89	89	91	91	93	91	91	87	87	94	94	87	81	76	78	84	91	95	96	96	96	97	96	89·7	14·7
30	96	97	96	96	97	96	95	87	81	79	71	71	65	68	74	68	68	73	69	77	82	87	88	90	82·3	13·4
Mean ...	85·1	85·3	85·5	85·4	85·7	85·4	81·4	79·4	77·5	76·1	74·9	73·9	74·0	73·3	73·3	**71·9**	72·1	74·7	76·7	79·0	81·9	83·4	84·7	**85·7**	79·4	†12·8
Vapour Pressure* ...	mb. 12·0	mb. 11·9	mb. 11·8	mb. **11·7**	mb. 11·8	mb. 12·0	mb. 12·4	mb. 12·7	mb. 12·8	mb. 13·0	mb. 13·0	mb. 13·1	mb. 13·2	mb. 13·3	mb. **13·4**	mb. 13·3	mb. 13·1	mb. 13·0	mb. 12·9	mb. 12·7	mb. 12·5	mb. 12·4	mb. 12·4	mb. 12·3	mb. ‡12·6	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

326. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

July, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	91	91	91	92	89	90	87	86	81	78	72	72	73	71	73	74	74	78	78	82	87	87	89	87	82·3	12·6
2	88	89	90	91	90	90	88	85	76	74	75	73	71	79	72	72	70	66	73	80	83	87	88	89	80·7	13·0
3	91	88	89	88	87	87	86	85	87	85	85	85	87	87	87	86	87	87	86	87	88	94	95	95	87·7	13·9
4	95	95	97	97	96	95	95	93	89	81	76	77	75	71	71	70	73	75	78	76	79	82	83	80	83·6	12·7
5	82	84	85	88	86	91	80	75	76	73	69	73	75	74	74	79	78	76	76	79	83	92	92	93	80·3	12·5
6	95	95	94	95	95	96	96	97	94	93	94	96	85	82	80	82	92	89	88	90	83	93	84	82	90·6	14·6
7	84	79	78	82	78	77	77	75	73	67	68	65	65	61	63	63	62	59	65	67	75	76	78	83	**71·6**	11·2
8	85	84	86	85	76	79	75	75	67	66	69	76	71	76	71	76	76	72	76	79	78	77	80	79	76·5	11·5
9	80	82	83	84	82	78	79	79	78	76	77	80	87	91	95	94	95	96	97	96	96	96	96	96	86·9	13·6
10	97	94	94	92	96	96	95	95	91	92	92	90	91	94	95	92	93	92	94	95	94	94	95	95	93·7	15·3
11	95	95	95	93	93	95	95	93	91	87	82	83	83	81	81	81	83	89	90	91	93	94	94	94	89·6	15·8
12	93	93	94	93	93	93	90	91	89	85	84	82	82	81	80	82	86	88	91	90	91	91	91	92	88·6	15·7
13	92	93	94	94	94	94	93	93	89	84	82	81	78	79	76	81	83	86	79	89	91	86	92	92	87·3	16·0
14	93	92	94	95	94	95	95	94	95	93	92	91	92	94	93	94	95	95	94	95	97	95	96	94	**94·0**	15·4
15	93	93	92	98	88	86	82	80	74	70	65	64	64	63	63	62	58	60	67	72	78	82	80	87	75·6	12·0
16	86	86	85	82	83	88	91	92	92	93	93	93	94	94	95	98	96	95	93	93	94	94	94	94	91·4	14·0
17	94	93	91	90	91	91	90	86	86	89	92	95	95	97	97	94	92	86	86	80	79	81	81	81	89·3	14·1
18	79	79	82	87	87	84	82	82	80	79	84	86	88	90	92	92	93	93	95	96	96	91	91	89	87·2	12·2
19	92	94	95	95	95	95	96	95	96	92	88	93	85	86	89	92	85	82	79	80	81	79	73	75	88·3	13·7
20	77	77	82	79	80	78	73	78	66	69	66	71	63	60	68	63	68	78	76	77	76	77	76	83	73·2	12·4
21	83	76	83	85	84	78	71	69	72	73	66	61	64	72	77	81	79	78	78	73	77	84	83	88	76·4	13·9
22	89	89	89	92	91	93	92	89	77	75	75	75	75	75	76	77	83	81	79	82	77	77	74	81	81·9	15·2
23	79	79	81	79	81	89	83	86	89	90	88	85	87	84	86	85	84	86	85	85	81	79	81	84	83·9	15·3
24	83	84	88	87	89	90	91	88	88	81	81	78	77	75	73	71	69	83	87	85	89	90	92	93	83·6	**16·9**
25	94	94	93	93	93	89	87	84	81	84	88	81	85	88	90	91	92	95	94	89	87	81	77	79	88·2	13·2
26	87	84	80	81	81	82	79	79	82	75	71	79	85	80	77	78	81	77	83	81	83	83	79	83	80·3	11·5
27	77	74	76	72	72	72	74	72	70	67	69	66	70	68	68	69	73	70	75	77	80	78	79	79	72·9	**10·9**
28	80	81	83	85	88	88	88	88	87	85	84	84	79	81	91	84	84	85	87	91	92	93	94	95	86·2	13·6
29	94	94	94	93	94	94	93	94	95	91	89	87	89	90	84	80	81	89	91	93	90	90	94	94	90·7	14·2
30	88	87	85	84	89	84	89	87	82	78	80	77	79	77	78	80	88	89	88	88	91	91	89	89	85·0	13·4
31	87	88	89	89	89	89	89	82	77	79	73	78	75	75	77	77	76	76	79	83	84	81	87	81	81·8	13·3
Mean ...	87·8	87·3	**88·1**	88·1	87·9	87·9	86·5	85·4	82·9	80·8	**79·6**	79·9	**79·6**	79·9	80·4	80·6	81·6	82·3	83·5	84·5	85·9	86·0	86·4	87·3	84·2	†13·7
Vapour Pressure* ...	mb. 13·2	mb. 13·0	mb. 13·1	mb. **12·9**	mb. 13·0	mb. 13·2	mb. 13·4	mb. 13·6	mb. 13·7	mb. 13·7	mb. 13·8	mb. 13·9	mb. 14·1	mb. 14·2	mb. **14·3**	mb. 14·3	mb. 14·3	mb. 13·9	mb. 13·8	mb. 13·7	mb. 13·7	mb. 13·4	mb. 13·3	mb. 13·2	mb. ‡13·6	

327. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres.

August, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	87	88	91	89	88	89	92	90	81	77	76	73	72	73	72	72	72	72	75	75	79	79	80	82	80·1	**12·3**
2	83	83	85	87	88	88	83	79	81	85	78	74	74	67	71	74	71	77	79	84	88	88	90	91	81·0	12·7
3	95	94	94	95	95	95	96	94	93	91	82	73	73	75	75	78	77	81	82	84	86	90	91	92	86·7	14·0
4	92	91	91	93	91	89	93	87	78	81	79	78	78	83	81	82	77	77	84	93	92	94	95	94	86·3	14·8
5	94	94	94	95	95	95	94	93	94	94	93	92	90	84	82	81	79	79	80	85	87	87	88	87	89·1	14·9
6	88	89	90	89	90	93	92	85	82	92	87	79	79	77	79	82	83	89	90	90	93	92	91	92	87·1	14·6
7	93	92	93	94	94	93	94	87	89	84	79	77	74	73	75	76	76	79	80	85	86	87	89	89	85·0	14·4
8	91	91	91	90	90	91	91	88	82	73	66	68	68	67	68	83	87	92	94	92	93	92	92	92	84·6	14·1
9	91	88	88	88	86	89	82	79	78	76	75	73	76	73	73	73	72	79	82	86	87	88	87	89	81·6	13·5
10	90	89	90	91	91	88	81	85	77	76	76	75	71	68	73	71	67	70	70	74	77	79	83	86	**79·1**	11·9
11	87	87	87	89	92	90	89	89	85	83	89	85	83	91	92	93	95	94	95	95	96	96	97	95	90·4	13·1
12	96	95	94	96	96	95	94	95	97	97	95	90	87	87	88	87	86	87	89	93	94	94	95	96	92·6	16·5
13	95	96	96	96	96	97	97	99	97	96	91	88	84	81	82	83	78	82	86	87	88	88	88	86	90·1	15·4
14	86	86	88	86	86	87	85	81	79	80	76	74	74	73	72	73	71	71	74	81	81	84	88	88	80·1	14·5
15	91	91	91	90	90	89	88	83	80	71	65	66	68	67	67	65	73	75	75	84	87	88	89	91	80·1	14·2
16	90	90	92	91	91	91	93	91	84	82	67	65	71	78	76	76	75	76	77	85	89	87	87	90	83·1	15·1
17	89	92	91	91	90	85	82	84	79	68	74	69	79	75	84	84	86	86	84	85	91	90	90	89	84·1	14·9
18	92	93	92	92	93	92	91	92	79	76	73	67	67	72	69	68	69	68	79	83	87	89	91	90	81·8	15·4
19	89	92	91	92	89	89	89	87	86	83	80	80	84	87	86	84	84	82	83	84	84	87	88	88	86·2	13·9
20	91	90	90	90	90	91	93	84	79	78	79	75	72	75	83	84	89	88	89	92	91	94	94	95	86·4	13·8
21	91	91	91	90	90	91	90	85	77	72	65	79	80	80	81	82	81	79	87	88	86	89	90	90	84·5	13·7
22	87	86	91	91	89	91	91	90	89	88	84	86	87	87	88	87	90	91	91	91	92	92	89	91	89·1	15·2
23	91	92	90	91	91	91	91	92	87	79	75	68	69	67	74	78	75	76	77	80	81	81	78	78	81·6	14·0
24	81	82	84	85	84	84	83	84	86	87	78	77	74	81	79	77	72	72	75	77	78	80	82	81	80·1	12·8
25	87	89	87	89	81	91	91	89	85	82	77	79	88	90	91	85	85	88	89	91	92	92	94	95	87·9	12·9
26	95	96	96	97	98	98	97	97	97	94	94	85	81	84	83	85	84	85	89	92	92	93	93	93	91·6	16·4
27	92	92	93	95	96	95	93	93	87	85	84	88	87	89	90	89	89	89	92	93	93	95	94	94	91·1	15·9
28	94	94	93	93	95	95	95	97	97	95	91	92	92	93	94	93	92	94	95	95	95	92	90	91	93·7	16·5
29	92	92	93	93	93	87	87	85	81	77	79	76	77	76	76	76	77	76	79	85	86	88	89	90	83·8	13·9
30	91	91	91	89	89	92	94	95	95	97	95	97	97	95	95	92	90	90	92	97	97	97	94	96	93·5	15·9
31	96	97	97	97	97	96	96	96	97	97	93	92	91	91	90	93	92	94	94	97	97	97	97	98	**95·0**	**16·8**
Mean ...	90·5	90·7	91·1	**91·4**	**91·4**	91·2	90·5	88·9	85·7	83·7	80·5	**78·7**	78·9	79·3	80·3	80·8	80·5	81·9	84·1	87·2	88·5	89·3	89·8	90·3	86·1	†14·4
Vapour Pressure *	mb. 13·9	mb. 13·9	mb. 13·8	mb. **13·7**	mb. 13·8	mb. 13·8	mb. 14·3	mb. 14·7	mb. 14·8	mb. 14·9	mb. 14·7	mb. 14·7	mb. 14·9	mb. 14·8	mb. 15·0	mb. **15·1**	mb. 14·9	mb. 14·9	mb. 14·7	mb. 14·5	mb. 14·4	mb. 14·3	mb. 14·3	mb. 14·1	mb. ‡14·5	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

328. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

September, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	99	98	98	97	96	97	95	95	92	93	92	92	89	84	78	74	70	68	67	67	69	69	73	71	84·9	13·9
2	72	71	71	81	77	76	78	79	77	75	75	77	75	77	77	76	76	79	81	81	83	85	85	82	77·5	12·7
3	80	79	81	79	80	76	77	78	79	81	88	91	79	73	73	61	63	66	63	70	71	71	71	71	75·5	11·8
4	69	77	68	72	67	67	71	69	67	66	65	66	66	66	72	71	70	69	71	72	71	70	78	83	69·9	10·3
5	78	79	82	83	83	83	85	85	86	88	90	93	93	89	82	79	74	83	85	91	93	81	75	70	84·0	13·0
6	68	68	70	64	65	68	73	68	64	64	63	62	71	73	67	61	63	65	68	71	72	71	73	65	**67·5**	9·9
7	63	74	77	78	80	80	81	80	68	62	65	63	64	63	67	72	70	72	78	89	89	88	89	90	74·6	10·8
8	92	89	87	85	87	90	88	83	83	80	83	81	79	76	77	80	79	81	82	81	81	83	85	83	83·3	12·4
9	87	88	83	90	90	91	91	88	82	86	78	75	78	75	80	69	61	60	66	71	69	68	66	66	77·8	11·2
10	64	69	65	73	85	81	83	82	73	67	72	70	72	69	72	77	73	70	69	69	67	68	70	67	71·9	9 9
11	67	72	71	75	78	79	81	78	69	68	70	69	66	63	64	65	69	69	74	81	81	82	87	87	73·1	**9·8**
12	90	89	89	91	91	93	91	93	93	87	76	71	72	70	65	67	67	75	87	83	86	89	87	82	82·8	10·0
13	83	81	78	78	74	75	76	76	79	77	77	76	76	76	79	81	88	94	95	97	96	97	97	99	83·2	11·4
14	99	97	96	95	93	94	93	90	86	82	77	74	71	73	78	75	71	73	75	76	76	76	75	73	82·5	12·9
15	74	73	72	72	72	73	74	73	76	78	84	89	89	93	95	89	88	87	91	91	84	89	91	90	82·4	13·2
16	87	87	88	88	88	88	87	89	88	81	78	78	76	74	76	79	84	87	90	92	93	95	92	88	85·6	12·1
17	91	92	90	90	88	89	89	92	90	89	85	83	84	79	73	73	72	72	75	74	79	79	84	87	83·3	11·9
18	87	87	87	86	90	90	89	87	86	86	90	90	91	89	87	85	86	87	85	90	89	91	93	92	88·2	12·7
19	95	93	93	95	95	93	93	93	92	92	86	88	87	82	87	79	82	76	78	82	76	79	74	75	86·4	11·5
20	81	82	87	85	83	82	83	85	79	75	72	73	71	72	74	81	84	77	86	91	86	87	85	90	81·0	10·5
21	90	89	84	83	88	82	82	83	80	78	81	77	77	82	85	81	81	85	88	88	89	76	91	91	83·8	11·9
22	92	94	95	93	92	90	93	92	90	85	81	81	81	81	78	75	84	78	76	71	70	72	71	70	83·1	11·7
23	75	81	82	79	81	81	84	77	74	72	72	71	78	77	75	78	75	77	79	83	77	75	77	72	77·1	10·5
24	81	78	81	80	82	85	82	82	74	70	67	67	68	73	73	77	80	81	85	87	85	86	85	92	78·8	10·3
25	92	92	93	93	91	93	93	96	95	95	91	90	76	75	66	68	70	73	71	72	73	86	73	70	83·3	11·8
26	71	72	68	72	78	75	72	67	66	69	69	69	66	69	65	69	76	73	80	81	80	76	82	85	72·6	10 1
27	87	87	87	88	88	88	88	87	89	87	89	87	86	91	95	97	96	96	96	99	96	97	97	96	91·2	12·3
28	97	97	96	97	97	99	99	97	99	99	100	100	98	95	94	95	97	96	96	97	96	97	97	97	97·1	16·1
29	99	97	99	99	97	97	99	99	99	99	100	99	100	99	97	99	97	97	96	99	97	96	97	97	**98·1**	**16·3**
30	97	99	97	97	97	97	97	99	96	95	95	92	89	89	86	81	83	88	90	91	89	95	95	93	92·9	13·4
Mean ...	83·6	84·4	83·8	84·6	85·1	85·1	**85·6**	84·7	82·4	80·9	80·4	79·8	78·9	78·2	77·9	**77·1**	77·6	78·5	80·9	82·9	82·1	82·5	83·2	82·5	81·8	11·9
Vapour Pressure* ...	mb. 11·5	mb. 11·5	mb. 11·5	mb. 11·6	mb. 11·7	mb. 11·6	mb. 11·8	mb. 12·0	mb. 12·1	mb. 12·2	mb. **12·5**	mb. **12·5**	mb. 12·5	mb. **12·5**	mb. 12·3	mb. 12·0	mb. 11·7	mb. 11·6	mb. 11·6	mb. 11·6	mb. 11·4	mb. 11·4	mb. 11·4	**11·3**	mb. ‡**11·8**	

329. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres.

October, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	93	95	95	94	94	95	94	94	97	92	92	89	84	87	85	88	87	90	91	91	92	91	92	91	91·4	10·8
2	91	95	93	95	94	94	99	97	97	97	99	93	91	91	88	87	85	87	89	89	91	91	92	93	92·4	10·7
3	92	92	93	93	96	96	96	97	97	93	91	89	90	90	90	87	89	93	94	93	93	94	94	94	92·7	13·3
4	95	95	96	96	97	96	95	96	95	92	90	92	92	88	92	91	92	93	92	94	97	97	95	96	93·9	16·3
5	97	96	97	99	96	95	95	95	94	87	90	90	89	88	89	90	91	91	92	92	94	94	95	94	93·0	**16·9**
6	94	95	95	94	93	94	95	95	94	90	84	83	87	87	84	87	91	91	92	93	93	94	94	95	91·4	15·2
7	96	96	94	95	94	94	95	94	94	92	89	85	83	84	84	84	81	82	84	84	86	83	82	76	88·4	14·1
8	77	80	81	81	81	72	73	73	65	68	68	68	66	67	73	75	73	80	82	85	79	74	76	82	**74·8**	10 3
9	84	85	83	84	87	89	87	85	92	80	74	69	70	69	66	65	68	70	71	79	64	69	82	78	77·2	9·3
10	84	87	88	91	88	91	92	81	86	78	76	71	68	68	68	70	75	77	79	81	85	89	91	94	81·3	**8·7**
11	86	79	79	88	83	88	83	80	85	85	83	78	73	64	67	70	72	75	79	74	75	77	79	79	78·7	8·9
12	81	85	86	90	87	89	89	93	92	88	83	71	70	69	74	75	72	78	82	85	87	89	90	91	82·9	9·6
13	93	92	96	86	83	76	73	74	77	77	76	72	71	67	71	72	75	74	78	78	81	88	84	88	79·3	10·7
14	83	82	86	87	88	89	87	84	79	77	72	69	72	72	75	76	79	77	79	78	79	83	81	80	79·9	9·1
15	79	82	81	83	81	82	80	88	87	85	82	87	85	86	88	88	89	90	91	93	90	93	93	93	86·2	11·6
16	95	94	96	95	92	95	95	96	96	95	89	89	89	89	89	91	93	93	93	96	97	96	93	93	93·3	14·5
17	92	93	94	92	91	92	91	92	92	92	92	93	93	95	96	94	94	93	94	93	95	92	92	92	92·9	14·4
18	92	93	93	93	93	93	95	96	96	92	94	90	91	88	88	91	91	91	83	84	83	81	81	83	90·0	12·9
19	81	87	84	83	82	83	85	91	91	88	88	91	92	95	97	96	97	97	97	96	96	97	99	96	90·9	14·4
20	96	97	97	96	96	97	97	97	97	97	98	96	95	95	98	96	96	97	97	96	97	96	96	95	**96·5**	16·2
21	95	96	96	95	92	97	96	94	96	94	91	92	91	91	88	91	91	91	92	91	90	90	89	91	92·6	14·4
22	91	91	93	89	91	91	91	95	91	92	92	91	89	87	86	92	91	90	90	92	92	95	93	93	91·1	13·7
23	93	93	91	92	92	92	92	91	95	93	90	85	83	73	72	75	81	80	79	76	80	75	79	79	84·9	12·1
24	87	81	83	82	83	83	82	87	87	88	80	82	85	77	79	71	71	75	81	77	87	79	86	84	81·4	10·2
25	79	77	74	75	76	78	70	71	80	77	78	79	76	77	87	90	92	93	95	91	84	83	91	88	81·6	11·3
26	92	92	92	90	91	93	95	88	85	76	75	75	75	74	75	81	78	74	77	88	83	85	85	85	83·6	11·5
27	87	88	83	86	86	87	83	86	84	76	74	71	76	82	73	80	77	79	79	75	77	83	88	88	81·1	10·5
28	82	86	87	88	87	88	89	89	91	91	92	95	96	96	96	94	94	94	97	97	97	93	95	95	91·9	12·3
29	95	95	96	95	91	95	94	95	94	93	94	93	93	94	94	94	94	92	92	92	93	93	93	93	93·7	13·4
30	84	90	88	87	87	85	88	87	87	85	88	83	82	82	81	83	87	87	87	87	87	85	85	84	85·9	12·2
31	84	82	85	87	91	91	90	90	92	87	88	86	84	84	85	87	88	85	85	82	86	83	86	90	86·5	12·4
Mean ...	88·7	89·4	89·5	**89·7**	89·1	89·7	89·2	89·4	89·8	87·0	85·5	83·8	83·3	**82·5**	83·2	84·2	85·0	85·8	86·9	87·2	87·4	87·5	88·7	88·8	87·1	†12·3
Vapour Pressure* ...	mb. 11·7	mb. 11·6	mb. 11·5	mb. 11·6	mb. **11·5**	mb. 11·6	mb. 11·5	mb. 11·6	mb. 12·2	mb. 12·3	mb. 12·7	mb. 12·8	mb. **13·0**	mb. 12·9	mb. 12·9	mb. 12·8	mb. 12·7	mb. 12·6	mb. 12·4	mb. 12·3	mb. 12·1	mb. 12·0	mb. 12·0	mb. 11·9	mb. ‡12·2	
Hour G.M..T	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

330. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

November, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	94	94	96	95	96	94	93	93	93	92	94	89	91	90	88	87	90	89	91	93	95	93	91	89	**92·1**	**12·7**
2	87	92	92	82	93	92	91	89	87	86	86	85	83	86	88	88	89	93	93	95	93	95	95	93	90·0	11·5
3	91	93	95	93	93	95	93	95	96	96	96	93	84	84	82	83	85	85	83	89	92	92	92	93	90·5	11·0
4	93	91	93	96	95	96	96	93	93	96	90	90	92	90	89	89	86	86	86	88	91	91	91	94	91·4	10·8
5	94	95	94	94	95	93	94	93	90	91	88	87	83	81	81	78	81	87	86	90	93	91	91	91	89·3	9·4
6	91	91	88	89	90	93	91	89	81	78	81	80	77	77	81	85	85	85	86	86	96	93	92	93	86·5	9·6
7	92	89	89	89	89	88	91	92	91	90	89	81	84	86	86	83	87	87	91	89	87	84	84	80	87·7	10·5
8	75	75	73	77	75	72	75	71	71	68	66	61	59	57	57	57	59	63	65	70	68	71	72	83	**68·3**	6·6
9	83	85	84	78	72	77	73	69	79	74	79	67	79	69	76	83	82	79	82	82	73	73	79	82	77·5	7·7
10	85	82	85	85	88	85	87	81	82	77	71	65	64	63	66	70	67	77	73	79	80	79	72	81	76·9	6·7
11	82	81	85	85	85	76	82	77	77	79	75	71	63	61	65	66	81	81	85	77	68	79	77	76	76·5	6·0
12	66	74	75	74	73	72	73	72	69	71	76	77	75	79	85	82	84	83	83	78	77	78	77	77	76·2	7·9
13	79	80	79	81	81	78	78	77	79	72	73	75	78	86	81	89	85	82	76	71	75	80	80	83	79·0	8·5
14	83	83	80	80	81	79	77	81	91	91	93	93	91	89	91	88	88	88	92	85	89	89	89	88	86·5	9·8
15	88	87	87	93	92	92	92	93	91	92	91	93	91	93	92	92	91	87	81	77	77	75	73	78	87·6	10·1
16	76	78	80	83	83	81	81	79	76	64	69	70	72	71	72	76	77	75	75	77	69	73	70	72	75·1	7·4
17	69	69	71	72	77	73	79	78	75	76	76	71	72	74	75	77	78	77	78	77	79	83	75	76	75·2	7·8
18	73	82	83	86	87	88	82	85	87	87	86	79	80	75	71	81	83	86	92	89	89	85	89	93	83·7	7·4
19	87	89	83	83	85	87	87	86	85	89	89	79	79	81	85	87	87	87	89	89	85	85	85	87	85·7	6·0
20	81	79	81	79	77	73	79	79	81	79	81	79	79	76	83	88	83	87	87	89	87	85	87	81	81·8	**5·6**
21	81	83	81	79	76	83	81	89	89	89	89	91	87	86	82	91	87	91	91	92	90	93	91	91	86·6	6·1
22	92	93	93	93	93	93	87	89	88	84	83	81	79	77	77	81	81	81	73	78	79	82	81	76	84·2	7·2
23	80	81	77	80	83	85	85	85	83	83	80	76	75	69	69	68	74	75	77	81	76	81	81	81	78·4	7·2
24	82	83	87	85	85	89	88	88	88	87	95	89	86	78	78	81	81	79	85	85	85	78	78	84	84·3	7·3
25	85	83	78	79	84	83	78	76	77	71	66	75	73	76	74	75	81	83	84	85	88	85	83	82	79·4	8·0
26	83	81	77	77	83	81	86	87	86	85	86	79	77	77	82	80	78	79	72	73	69	68	73	72	79·0	6·8
27	73	72	72	75	83	83	83	88	91	81	73	71	67	70	66	66	66	70	67	60	60	61	64	73	72·3	6·1
28	72	74	76	80	77	77	84	83	80	81	79	83	73	73	70	69	68	72	75	75	77	81	83	82	76·6	7·9
29	86	82	79	86	86	89	83	83	87	86	79	75	76	71	75	84	76	72	81	69	72	75	70	70	79·1	8·5
30	70	64	62	63	79	74	72	65	75	73	71	70	67	69	76	80	65	68	67	66	70	73	77	77	70·4	7·0
Mean ...	82·4	82·8	82·5	83·4	**84·5**	84·0	84·0	83·5	83·9	82·3	81·7	79·2	77·9	**77·1**	78·1	80·1	80·2	81·1	81·5	81·1	81·0	81·7	81·4	82·6	81·6	†8·2
Vapour Pressure* ...	mb. 7·8	mb. 7·8	mb. **7·7**	mb. 7·7	mb. 7·8	mb. 7·7	mb. 7·7	mb. 7·8	mb. 7·9	mb. 8·1	mb. 8·3	mb. 8·5	mb. **8·5**	mb. 8·5	mb. 8·5	mb. 8·4	mb. 8·2	mb. 8·1	mb. 7·9	mb. 7·8	mb. 7·8	mb. 7·8	mb. 7·8	mb. 7·8	mb. ‡8·0	

331. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres.

December, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	85	79	83	83	84	83	82	82	79	77	77	74	72	69	71	67	72	76	79	79	83	85	83	81	78·5	5·8
2	79	85	83	83	85	83	83	81	77	76	77	79	79	75	80	77	84	87	82	82	79	71	73	73	79·9	**5·3**
3	71	75	79	81	77	71	67	69	71	72	69	67	69	69	68	69	70	70	67	69	68	67	66	67	70·5	5·8
4	64	66	68	65	64	65	66	66	65	66	64	64	65	67	68	67	67	69	68	67	67	66	68	66	**66·2**	6·9
5	66	66	69	71	71	69	71	71	72	68	69	68	72	69	69	71	73	76	78	79	81	81	80	83	72·3	8·0
6	84	83	80	85	89	88	88	85	81	82	83	82	84	91	88	88	87	90	88	88	91	91	91	91	86·4	11·8
7	91	91	92	92	93	93	93	93	93	92	95	95	92	93	93	89	90	91	91	91	91	91	91	91	92·0	**12·4**
8	91	91	93	89	91	88	93	91	84	79	82	79	82	76	78	82	75	83	81	79	82	83	82	76	84·1	8·9
9	82	81	77	73	76	72	80	72	79	76	76	77	77	75	78	71	72	68	72	75	70	73	69	70	74·7	7·8
10	69	72	78	77	80	79	79	79	80	84	85	78	79	81	76	83	83	79	80	86	80	77	80	77	79·1	8·3
11	74	80	82	83	86	87	90	87	86	91	90	89	81	87	86	89	91	89	91	91	89	89	93	89	86·8	8·2
12	88	88	88	88	88	89	89	89	91	89	93	88	81	82	78	79	84	85	88	90	89	89	89	89	87·1	6·7
13	91	87	91	91	93	91	87	90	89	84	83	81	81	77	81	85	75	81	86	93	85	85	81	85	85·6	7·3
14	85	85	82	79	79	77	77	80	79	77	79	75	75	70	68	75	79	81	89	76	73	69	69	79	77·5	6·0
15	80	83	83	81	79	85	88	79	72	74	76	72	79	82	77	75	74	73	72	87	85	85	91	92	79·9	7·6
16	90	90	93	93	94	94	93	97	95	93	95	94	95	95	96	93	94	91	91	91	93	93	90	90	**93·1**	9·1
17	91	93	91	91	91	91	93	90	90	90	90	89	86	85	85	87	89	87	87	83	80	78	78	77	87·4	8·3
18	81	77	74	77	83	79	82	85	83	81	81	76	76	75	71	81	78	80	77	76	77	77	77	76	78·6	8·0
19	78	76	77	79	77	78	77	78	79	77	76	77	72	76	80	81	86	83	88	87	87	85	85	85	80·0	7·4
20	87	87	87	90	89	89	89	89	89	90	87	88	85	83	82	79	78	78	78	77	81	82	84	87	84·7	6·6
21	89	89	91	89	87	85	84	77	89	85	82	89	81	81	75	79	81	84	83	83	88	88	88	88	84·8	6·7
22	88	90	89	89	90	89	88	89	85	85	84	85	83	83	81	82	89	83	85	85	87	85	82	83	85·9	6·5
23	80	81	85	83	73	75	82	85	88	85	84	79	81	79	72	69	70	63	75	74	69	87	74	74	78·0	6·0
24	75	69	69	69	67	74	77	81	82	83	83	77	75	81	77	81	88	83	83	82	80	78	80	79	77·9	6·5
25	82	83	85	86	82	81	81	83	86	86	86	87	92	95	91	88	89	92	92	92	93	89	91	93	87·4	9·4
26	89	88	88	87	88	89	93	92	93	89	93	97	99	97	96	96	95	96	93	93	93	91	93	89	92·5	11·0
27	91	89	89	91	92	91	89	88	85	84	83	85	79	80	79	84	81	80	85	84	82	85	82	85	85·3	9·8
28	87	88	85	88	92	89	85	92	93	91	95	96	97	95	95	96	93	90	87	86	87	87	87	89	90·5	11·4
29	91	95	92	93	92	91	85	84	86	84	91	93	91	91	88	85	81	78	75	77	80	80	85	91	86·6	11·3
30	85	85	86	81	81	89	79	81	84	90	87	78	72	74	73	75	78	75	77	79	70	84	77	78	80·2	8·8
31	81	87	87	87	83	81	82	81	84	85	77	83	83	87	89	83	84	82	84	84	84	84	85	85	83·7	9·3
Mean ...	82·7	83·2	**83·7**	83·7	**83·7**	83·4	**83·7**	83·4	83·5	82·7	83·0	82·0	81·1	81·3	**80·5**	80·8	81·6	81·5	82·3	82·7	82·1	82·4	82·1	82·5	82·5	†8·2
Vapour Pressure* ...	mb. 7·8	mb. 7·8	mb. 7·8	mb. 7·7	mb. **7·7**	mb. 7·8	mb. 7·9	mb. 7·8	mb. 7·9	mb. 7·9	mb. 8·1	mb. 8·3	mb. 8·4	mb. **8·6**	mb. 8·5	mb. 8·4	mb. 8·3	mb. 8·1	mb. 8·0	mb. 8·1	mb. 8·0	mb. 7·9	mb. 7·8	mb. 7·8	mb. ‡8·0	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

From the monthly means for exact hours, Greenwich Mean Time.

332. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres. **1925.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24	Mean
Relative Humidity	% 84·8	% 85·1	% 85·4	% 85·7	% **85·7**	% 85·6	% 84·9	% 84·2	% 82·8	% 81·1	% 80·1	% 79·1	% 78·5	% **78·2**	% 78·6	% 78·9	% 79·2	% 79·9	% 81·3	% 82·6	% 83·3	% 83·7	% 84·2	% 84·3	% 82·4
Vapour Pressure in millibars ...	mb. 9·9	mb. 9·8	mb. 9·9	mb. **9·8**	mb. 9·8	mb. 9·9	mb. 10·0	mb. 10·1	mb. 10·2	mb. 10·4	mb. 10·5	mb. 10·6	mb. 10·6	mb. 10·6	mb. **10·7**	mb. 10·6	mb. 10·5	mb. 10·3	mb. 10·3	mb. 10·2	mb. 10·1	mb. 10·0	mb. 10·0	mb. 10·0	mb. 10·2

RELATIVE HUMIDITY: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

333. Cahirciveen (Valentia Observatory) : North Wall Screen : h_t = 1·3 metres. **1925.**

Month.	Mean.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Jan.	83·4	−0·03	+0·13	+0·99	+1·02	+0·39	+0·94	**+1·31**	+0·60	+0·78	+0·84	+0·25	−0·37	−1·24	**−1·51**	−1·29	−1·33	+0·22	−1·18	−1·60	−0·07	+0·22	+0·56	+0·85	−0·42
Feb.	80·4	+0·67	+0·69	+0·49	+0·01	+0·24	+0·89	−0·02	+0·61	−0·83	−0·53	−0·98	**−1·97**	−1·34	−1·08	+0·40	−1·08	−1·13	+0·07	+1·01	+1·42	**+1·54**	+0·34	+0·43	+0·16
Mar.	**78·0**	+3·98	+4·57	+4·45	**+5·98**	+4·44	+3·90	+5·24	+4·87	+2·97	−0·82	−2·88	−5·45	−6·60	**−8·33**	−7·74	−6·18	−5·08	−4·31	−1·76	−0·33	+0·49	+1·92	+3·64	+2·94
April	79·6	+3·20	+4·10	+4·76	+4·69	**+5·06**	+4·36	+3·15	+2·75	+0·68	−1·29	−2·63	−3·90	**−5·50**	−4·94	−4·74	−3·94	−4·64	−4·08	−1·55	−0·38	+0·82	+1·25	+1·21	+1·57
May	81·9	+2·26	+2·86	+4·01	+4·17	**+4·80**	+4·50	+2·04	+0·22	−2·05	−3·02	**−4·03**	−2·59	−2·89	−2·97	−2·20	−2·47	−3·51	−3·01	−2·21	−0·35	+1·22	+1·89	+1·72	+1·68
June	79·4	+5·79	+6·04	+6·16	+6·11	**+6·37**	+6·02	+2·04	0·00	−1·88	−3·29	−4·54	−5·55	−5·43	−6·12	−6·13	**−7·57**	−7·35	−4·82	−2·78	−0·49	+2·34	+3·85	+5·11	+6·16
July	84·2	+3·53	+2·99	**+3·84**	+3·78	+3·61	+3·69	+2·24	+1·16	−1·32	−3·43	**−4·54**	−4·28	−4·52	−4·29	−3·75	−3·48	−2·54	−1·82	−0·65	+0·47	+1·83	+1·91	+2·30	+3·25
Aug.	86·1	+4·75	+4·92	+5·29	**+5·55**	+5·53	+5·32	+4·61	+2·91	−0·24	−2·26	−5·55	**−7·34**	−7·13	−6·78	−5·83	−5·30	−5·71	−4·32	−2·11	+0·96	+2·29	+3·04	+3·47	+3·96
Sept.	81·8	+1·72	+2·52	+1·99	+2·77	+3·27	+3·25	**+3·76**	+2·92	+0·57	−0·92	−1·42	−1·98	−2·84	−3·54	−3·86	**−4·62**	−4·12	−3·27	−0·80	+1·17	+0·38	+0·76	+1·46	+0·77
Oct.	**87·1**	+1·53	+2·21	+2·35	+2·54	+1·96	+2·52	+2·07	+2·24	**+2·69**	−0·15	−1·59	−3·37	−3·88	**−4·68**	−3·97	−2·90	−2·15	−1·35	−0·24	+0·05	+0·31	+0·38	+1·64	+1·72
Nov.	81·6	+0·63	+1·05	+0·74	+1·63	**+2·80**	+2·32	+2·34	+1·83	+2·28	+0·63	+0·05	−2·43	−3·71	**−4·43**	−3·45	−1·40	−1·34	−0·36	+0·06	−0·33	−0·47	+0·28	0·00	+1·21
Dec.	82·5	+0·38	+0·82	**+1·36**	+1·29	+1·34	+0·98	+1·31	+0·98	+1·07	+0·28	+0·50	−0·51	−1·36	−1·21	**−2·06**	−1·68	−0·92	−1·07	−0·24	+0·17	−0·52	−0·17	−0·54	−0·09
Year	82·4	+2·38	+2·75	+3·05	+3·32	**+3·33**	+3·23	+2·53	+1·77	+0·40	−1·25	−2·29	−3·32	−3·89	**−4·17**	−3·74	−3·51	−3·19	−2·50	−1·09	+0·19	+0·87	+1·34	+1·79	+1·92

RAINFALL: ANNUAL TOTALS OF HOURLY VALUES.

Amounts, in millimetres; durations in hours for periods of sixty minutes between the exact hours, Greenwich Mean Time.

334. Cahirciveen (Valentia Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 9·1 metres +0·5 metres. **1925.**

G.M.T.	0 to 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	21 to 22.	22 to 23.	23 to 24.	0 to 24.
Amount	mm. 45·8	mm. 48·6	mm. 48·0	mm. 49·3	mm. 61·9	mm. 65·2	mm. 56·1	mm. **83·7**	mm. 63·2	mm. 47·5	mm. 55·6	mm. 61·9	mm. 50·9	mm. 58·8	mm. 55·4	mm. 53·6	mm. 52·2	mm. 45·9	mm. 66·8	mm. 66·4	mm. 72·4	mm. 39·3	mm. **34·3**	mm. 49·4	mm. 1332·2
Duration	hr. 26·3	hr. 28·2	hr. 29·4	hr. 31·2	hr. **36·6**	hr. 33·9	hr. 31·9	hr. 32·3	hr. 30·0	hr. 27·5	hr. 30·4	hr. 28·4	hr. 28·2	hr. 31·1	hr. 31·0	hr. 31·0	hr. 34·0	hr. 32·4	hr. 32·7	hr. 34·6	hr. 34·0	hr. 26·5	hr. **22·5**	hr. 23·7	hr. 727·8

335. Cahirciveen (Valentia Observatory). NOTES ON RAINFALL. **1925.**

Notable Falls of the Year.—The heaviest hourly rainfall shown in the tables is 18·5 mm., experienced between 7 h. and 8 h. on the 22nd January. This was part of a fall of 35 mm. which fell between 3 h. and 15 h.; and of this amount 24 mm. fell in two hours, from 7 h. to 9 h. On the 22nd February 35 mm. fell in the 12 hours between 11 h. and 23 h.; of this total 21 mm. fell in the four hours from 15 h. to 19 h.

Dry Periods.—No rain fell from the 6th to the 25th June, inclusive, a period of 20 days; except for a slight fall of 0·3 mm. about midnight of the 26th-27th, this dry period extended for a further three days, to the 28th. From the 1st to the 13th October, inclusive, the only precipitation was 0·1 mm. of dew on the 1st and 0·1 mm. of rain on the 4th.

Wet Periods.—From the 27th January to the 28th February, a period of 33 days, rain was measured on every day. On only three days was the amount measured less than 1 mm. From the 14th October to the 10th November, a period of 28 days, rain was measured every day, five days only having less than 1 mm. From the 20th to the 31st December is part of a wet period extending to the 11th January, 1926, 23 days in all; on only two days of the 23 was the rain measured less than 1 mm.

Amounts in millimetres for periods of sixty minutes between the exact hours, Greenwich Mean Time.

336. Cahirciveen (Valentia Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 9·1 metres + 0·5 metre. **January, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	·3	1·2	1·0	...	...	...	...	·6	·3	·1	·9	·5	4·5	1·5	...	...	...	...	...	...	...	...	10·9	4·9
2	·1	1·4	1·9	·9	...	·2	·3	3·8	...	·1	·1	·1	1·0	...	·3	...	·2	...	...	·8	...	...	...	...	11·2	4·9
3	...	...	2·1	·5	...	...	·3	...	·3	...	...	...	...	...	...	...	...	·5	4·0	4·8	5·2	...	1·7	3·1	22·5	5·8
4	·3	·1	1·7	·3	·7	...	...	...	...	...	...	...	...	·1	·1	...	...	...	...	·8	·2	...	·2	·7	5·2	3·3
5	...	·2	...	·5	...	·3	...	·4	...	·3	·2	·3	·2	...	...	...	...	...	...	·8	·9	...	·2	...	4·3	2·4
6	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	0·3	0·2
8	·6	·9	1·9	·4	·3	...	·2	...	...	1·5	1·6	·5	1·1	·4	·2	...	·1	·1	·6	...	·4	...	...	...	10·8	6·1
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	0·3	0·4
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	9·2	·1	...	·2	11·0	1·6
13	...	...	...	...	...	...	...	...	...	1·2	·8	·8	2·6	3·0	1·9	3·1	2·4	·6	·4	·2	·4	·3	...	...	17·7	9·6
14	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·1	...	...	...	·9	·3	1·8	1·5
15	·3	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·3
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·6	·3	...	·3	·4	...	1·8	2·1
17	...	...	...	...	...	·2	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·6
18	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	·2	1·9	6·2	3·1	·6	...	...	12·1	4·1
19	...	...	...	1·0	3·3	1·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·7	2·7
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	·3	·9	2·3	2·2	18·5	5·8	3·8	3·0	4·0	1·8	1·0	·5	·7	·3	...	...	...	...	...	...	...	**45·1**	**11·5**
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	0·3	0·2
24	...	...	...	...	...	...	·5	·5	·6	1·7	2·6	2·5	3·0	·7	·6	·8	·3	·3	·2	·5	...	...	...	...	14·8	9·3
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	...	...	...	...	...	0·4	0·3
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	·6	·6	1·1	·2	...	·4	·9	·1	·9	1·6	1·2	...	...	...	...	...	...	...	...	...	...	...	...	7·6	5·4
28	...	1·2	·9	...	...	1·0	·4	·5	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	4·7	3·0
29	1·3	2·7	1·9	·3	...	...	...	...	...	...	...	...	·5	2·3	...	...	·1	·1	...	...	...	...	·2	·3	9·7	5·8
30	·4	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...		·5	·3	1·4	1·3
31	...	·2	·5	...	·1	·7	·4	1·1	1·0	·2	·4	...	...	...	1·1	·2	·3	·2	·6	·1	·1	·1	·1	...	7·4	5·6
Sum.	3·1	7·4	11·9	6·5	6·5	6·0	5·0	**25·9**	8·1	10·3	10·6	9·8	11·1	8·0	9·2	6·3	4·1	2·6	8·5	16·0	19·5	1·7	4·5	5·3	207·9	93·1
Total Duration.	hr. 2·9	hr. 50·	hr. **6·0**	hr. 4·0	hr. 3·4	hr. 3·8	hr. 3·9	hr. 4·1	hr. 3·6	hr. 5·5	hr. 5·5	hr. 4·4	hr. 4·9	hr. 4·3	hr. 3·8	hr. 2·8	hr. 2·6	hr. 2·4	hr. 3·7	hr. 4·3	hr. 4·1	hr. 2·2	hr. 2·8	hr. 3·1	hr. 93·1	

337. Cahirciveen (Valentia Observatory) : H_r = 9·1 metres + 0·5 metre. **February, 1925.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
2	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	·2	·5	·5	·3	·2	·3	·1	...	·6	·2	3·3	4·1
3	·1	·9	·4	·6	·2	...	·1	...	...	...	...	...	·2	·2	·2	1·1	...	...	...	...	...	...	...	...	4·0	3·0
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	·2	·2	...	...	0·5	0·7
5	·4	...	...	...	·4	·3	·2	·9	·7	1·1	·8	·3	...	1·2	·6	·6	·3	...	...	...	...	...	...	...	7·8	7·0
6	·2	·1	...	·3	...	...	·2	...	·4	...	·2	·2	...	...	...	·1	·5	·2	...	·8	...	1·0	·3	...	4·5	2·7
7	...	·2	...	...	...	...	...	...	...	...	...	...	·1	·2	·8	1·0	·6	2·9	3·0	3·2	1·7	·3	...	...	14·0	7·8
8	...	...	·2	·1	·1	·1	·5	...	...	...	...	...	...	...	...	·9	·7	·4	·2	·3	·3	·3	...	...	4·1	3·1
9	...	...	...	...	...	·1	·2	...	...	1·1	1·0	2·4	·2	·2	·1	...	...	...	...	...	...	·1	...	·5	5·9	3·7
10	...	...	...	...	...	...	1·2	...	...	...	...	1·6	...	·9	1·0	·2	·4	1·4	·8	1·6	·9	·6	...	·3	10·9	8·1
11	·7	·1	·4	1·2	·2	·2	...	...	...	...	...	...	...	·4	...	·6	...	...	...	1·0	·2	...	...	...	5·0	4·0
12	...	...	...	...	...	...	...	·5	2·3	·4	·4	...	...	...	·4	·2	...	·1	·5	·1	5·5	6·5	2·0	...	18·9	5·3
13	...	...	·1	...	·1	·2	·3	...	·1	...	·3	...	...	1·3	...	...	...	...	·2	·2	·2	·2	...	·1	3·3	3·0
14	...	...	·8	·2	1·7	·2	·2	·5	...	...	...	...	...	·2	...	...	·1	·2	...	...	...	...	...	...	4·1	2·2
15	...	...	...	...	...	...	...	·4	...	·2	·5	...	·3	·2	·2	·3	...	...	...	·1	...	·6	...	...	2·8	1·9
16	·1	·2	...	·8	·1	...	...	...	...	...	1·7	·3	·2	...	·4	...	...	...	...	...	...	...	...	...	3·8	2·1
17	...	...	...	·4	...	·1	·7	...	·3	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	1·7	0·9
18	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	·5	...	...	1·1	·1	·3	·3	·1	...	·3	3·1	1·7
19	...	...	...	...	...	·1	·1	·2	·1	...	·3	...	...	...	·1	...	...	...	...	...	...	...	...	...	0·9	1·1
20	...	...	...	...	...	...	...	...	...	...	...	...	·1	1·3	1·6	2·1	1·2	1·2	·5	·2	·4	...	...	...	8·6	5·8
21	...	...	...	...	...	·2	...	·5	...	...	...	...	·9	...	...	...	...	...	...	...	...	...	...	...	1·6	0·6
22	...	...	...	...	...	...	...	...	...	...	...	·6	1·2	2·0	3·3	5·1	3·1	3·5	8·8	1·8	3·8	·9	·8	...	**34·9**	**10·2**
23	...	...	·6	·2	·7	...	...	...	...	...	...	·4	...	·4	...	...	...	...	·1	·9	...	...	...	...	3·3	1·5
24	...	·1	1·4	3·9	4·7	1·1	·5	1·5	·3	...	·2	...	·4	·1	·2	...	...	·1	...	1·6	·3	·3	...	...	16·7	6·0
25	...	3·2	·5	·2	·3	1·0	...	...	·6	·8	1·2	·2	·2	...	·5	...	...	...	1·2	1·3	3·5	·2	...	...	14·9	6·9
26	·2	1·8	1·5	1·5	·7	·5	·1	...	2·1	·3	·9	·1	·2	...	...	·4	...	·2	...	·3	...	...	...	...	10·8	4·7
27	·4	·9	·6	...	·3	...	...	...	·2	...	...	...	...	·9	·2	...	...	·2	...	...	...	...	...	...	3·7	1·9
28	...	...	·5	·2	·2	...	...	...	...	...	...	...	1·8	·5	·3	...	...	...	...	...	...	...	...	...	3·5	1·9
Sum.	2·1	7·5	7·0	9·6	9·7	4·1	4·3	4·5	7·1	4·0	7·5	6·5	6·2	10·0	10·6	13·1	7·6	11·8	15·7	14·0	**17·4**	11·3	3·7	1·4	196·7	102·1
Total Duration.	hr. 1·6	hr. 3·5	hr. 3·9	hr. 4·3	hr. 4·2	hr. 2·9	hr. 2·8	hr. 1·9	hr. 3·7	hr. 2·7	hr. 4·6	hr. 3·1	hr. 3·9	hr. 5·9	hr. 7·1	hr. 7·0	hr. 5·3	hr. 5·0	hr. 5·7	hr. **7·6**	hr. 7·4	hr. 4·9	hr. 1·9	hr. 1·2	hr. 102·1	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	

Amounts in millimetres for periods of sixty minutes between the exact hours, Greenwich Mean Time.

338. Cahirciveen (Valentia Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 9·1 metres + 0·5 metre. **March, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24.
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	0·1	0·2
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	·2	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	0·3	0·4
8	...	...	...	·2	...	...	...	...	·1	...	·7	...	...	...	...	...	...	·1	...	...	...	...	·9	...	2·0	1·1
9	·1	...	...	·1	...	...	...	...	...	...	...	·6	·8	...	...	...	...	...	...	...	...	...	...	...	1·6	0·8
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	0·1	0·2
13	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	·1	...	...	·2	...	...	0·4	0·5
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	·6	1·0	...	...	...	·3	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·2	1·5
21	...	·4	...	·1	...	·1	·1	...	·5	...	...	...	...	...	...	...	...	·2	...	·6	...	·2	...	...	2·2	2·0
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	·1	...	...	...	...	...	·2	...	...	...	...	...	...	1·0	·3	·1	...	·2	·5	·1	...	·1	·7	...	3·3	2·5
24	·1	...	...	·3	·1	...	...	...	·2	...	...	...	...	...	...	...	·4	·4	·2	·1	...	...	·1	·3	2·2	1·8
25	·5	·2	·2	·6	·4	·7	·9	·5	...	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	4·3	2·3
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	·1	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	0·5
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	...	·5	...	0·8	0·5
31	...	...	...	...	·7	2·4	1·0	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**4·6**	**2·8**
Sum.	0·8	0·7	0·3	2·4	2·2	**3·2**	2·2	1·2	1·1	0·5	0·8	0·6	0·9	1·1	0·3	0·1	0·5	0·9	0·8	1·0	0·2	0·5	2·2	0·3	24·8	17·3
Total Duration.	hr. 0·7	hr. 0·8	hr. 0·4	hr. **1·7**	hr. 1·3	hr. 1·3	hr. **1·7**	hr. 0·8	hr. 1·1	hr. 0·5	hr. 0·3	hr 0·3	hr. 0·4	hr. 0·6	hr. 0·2	hr. 0·2	hr. 0·4	hr. 0·9	hr. 0·6	hr. 0·9	hr. 0·3	hr. 0·6	hr. 1·1	hr. 0·2	hr. 17·3	

339. Cahirciveen (Valentia Observatory) : H_r = 9·1 metres + 0·5 metre. **April, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24.
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	1·0	1·2	0·6
2	·2	·3	...	·4	·7	·4	...	...	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·5	1·6
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	·2	...	·3	1·2	2·2	3·9	3·2	3·1	2·7	1·7	3·1	1·0	·7	...	...	...	...	...	...	·1	...	...	...	...	**23·4**	10·2
5	...	1·9	·7	1·0	·7	·1	...	·4	·6	3·9	...	...	...	·1	·8	1·1	...	...	...	...	...	...	...	·3	11·6	4·2
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	1·1	·7	...	...	·8	1·9	1·8	1·2	2·9	1·6	12·3	6·7
9	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·3
10	...	...	·5	...	·4	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	0·7
11	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·4	·1	2·0	2·9	4·8	5·0	2·4	1·0	·6	...	19·4	74
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·3	·4	...	·4	...	1·2	1·5	4·8	3·3
13	1·8	·3	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	·2	...	2·9	2·4
14	...	...	·2	·4	·6	2·0	1·0	2·9	1·7	1·8	1·6	1·9	1·6	·3	...	...	...	...	...	...	·1	...	...	...	16·1	**10·8**
15	...	...	...	·1	·1	·1	·1	·3	·2	·2	·6	·6	...	...	·1	·1	·4	...	...	·2	·5	1·1	·1	...	4·8	3·8
16	...	·1	·4	...	...	·1	·1	...	...	·1	...	...	·3	·2	...	...	...	...	...	...	...	...	...	...	1·3	1·3
17	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	·9	·2	·3	...	...	...	...	...	1·5	1·3
18	...	·2	·1	3·1	2·7	·8	...	·2	·2	·3	·6	...	...	...	...	...	...	...	...	...	1·5	·1	...	...	9·8	4·6
19	...	...	·3	·1	2·1	3·1	·2	·2	·1	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	6·2	3·3
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	..	0·4	0·3
22	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	·7	·6	1·2	1·7	...	...	...	...	...	4·3	3·7
23	...	...	...	...	·4	·3	·4	...	...	...	...	...	·1	·2	·2	...	·4	...	·1	...	...	·3	·1	1·9	4·4	2·2
24	·2	...	·1	·2	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	0·8
25	·1	·9	·5	1·0	·1	·1	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·0	4·0
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	·2	·2	·3	·9	1·5	·3	...	·4	...	...	·8	·4	...	...	...	...	...	...	...	·2	·1	...	...	1·5	6·8	5·7
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	·1	·2	...	...	·4	...	·7	1·4	...	...	·4	...	·8	·8	·4	...	...	...	...	...	...	...	...	5·2	2·2
Sum.	3·0	4·0	3·9	8·5	11·5	**11·7**	5·3	8·4	7·4	8·1	6·8	4·3	2·8	2·1	3·4	3·1	4·5	5·6	8·1	7·4	7·2	3·7	5·3	7·8	43·9	81·4
Total Duration.	hr. 2·6	hr. 3·1	hr. 4·2	hr. **6·5**	hr. 6·1	hr. 5·3	hr. 3·2	hr. 4·0	hr. 3·5	hr. 3·5	hr. 3·4	hr. 3·0	hr. 2·1	hr. 1·7	hr. 2·2	hr. 2·5	hr. 3·2	hr. 3·0	hr. 3·1	hr. 2·6	hr. 3·8	hr. 2·5	hr. 2·8	hr. 3·5	hr. 81·4	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres for periods of sixty minutes between the exact hours, Greenwich Mean Time.

340. Cahirciveen (Valentia Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) $+h_r$ (height of receiving surface above ground) = 9·1 metres + 0·5 metre. **May, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0.24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	0·5	0·4
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	·1	...	...	...	...	·2	...	...	...	...	...	·3	...	...	...	...	...	...	...	·5	...	...	...	1·1	1·0
4	·2	·9	·9	...	...	·1	...	...	...	...	·1	·2	...	...	·4	·5	...	...	...	...	·2	...	...	...	3·5	2·0
5	...	...	...	·7	2·5	3·2	1·3	1·9	...	·3	...	...	1·5	1·6	2·4	1·4	·2	·4	...	...	...	...	·4	...	**17·8**	7·4
6	...	·3	·1	...	...	...	...	...	...	...	...	...	...	...	·7	·6	...	...	...	·2	...	...	·1	·2	2·2	1·5
7	...	...	·1	1·8	·5	·3	·2	...	...	...	...	...	...	·1	·2	·2	·4	·3	·1	...	...	...	...	...	4·2	3·6
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·4	·4	·8	...	1·7	1·3
9	...	...	...	·9	...	·1	...	...	...	...	...	...	...	·4	...	...	·3	·3	...	...	...	...	...	...	2·0	1·0
10	...	...	...	...	·8	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	·2	·1	·1	2·2	1·8
11	·5	...	...	·3	·6	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·8	1·7
12	...	...	...	·2	·7	·8	1·3	1·2	·3	·8	...	·3	...	·2	·1	...	...	...	...	...	...	...	...	...	5·9	4·2
13	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	·4	·4	...	...	...	...	...	...	...	1·0	1·2
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·3	·4	...	0·9	1·0
15	·3	·1	...	...	...	...	...	...	...	·3	1·0	·1	...	...	...	·8	·9	·1	...	...	...	...	...	...	3·6	3·7
16	...	...	...	...	...	...	1·2	4·4	5·7	1·6	1·0	·1	...	...	...	...	...	...	...	...	...	...	...	...	14·0	4·4
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·2
21	...	...	·3	...	...	...	...	...	...	·9	·3	1·5	·7	1·1	·9	1·0	2·1	·3	·1	...	...	...	...	...	9·2	7·3
22	...	·3	·6	1·1	·5	·2	·3	·2	·1	...	...	·7	·5	...	...	...	...	...	...	...	·2	·6	·1	·1	5·5	8·4
23	·1	...	...	...	...	...	...	...	...	...	...	...	...	·6	...	...	...	...	...	...	...	...	...	...	0·7	0·9
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	...	...	...	...	...	...	0·3	0·5
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	1·2	·1	1·0	·7	·2	·6	·1	1·0	1·5	1·3	1·4	·7	1·1	·8	·4	3·2	15·3	**11·6**
27	1·5	·3	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	1·3	·3	...	·1	1·0	·6	...	6·1	3·1
28	...	·4	...	...	·2	...	...	...	...	...	...	...	...	·2	...	·3	...	·4	...	·2	·2	...	...	...	1·9	1·4
29	...	...	...	...	·3	...	...	...	·2	...	·4	...	...	...	...	1·5	·2	...	...	...	...	...	...	...	2·6	1·8
30	·7	...	·9	...	·3	·8	...	·1	·1	...	...	...	...	...	·3	·6	·2	...	...	·5	...	...	...	...	4·5	2·0
31	...	...	·4	...	·1	...	...	...	...	...	...	...	...	...	...	·2	...	·2	...	...	...	...	...	...	0·9	0·7
Sum	3·3	2·4	3·3	5·0	6·5	6·1	4·6	8·3	7·9	4·0	3·8	3·6	3·3	5·9	5·1	**8·5**	6·3	4·8	1·9	1·8	3·5	3·5	2·9	3·6	109·9	74·1
Total Duration.	hr. 2·2	hr. 1·9	hr. 2·4	hr. 3·1	hr. 4·7	hr. 3·7	hr. 3·5	hr. 3·0	hr. 3·2	hr. 2·9	hr. 3·3	hr. 2·8	hr. 2·8	hr. 4·2	hr. 3·0	hr. **5·5**	hr. 4·4	hr. 3·2	hr. 1·5	hr. 2·0	hr. 3·3	hr. 3·3	hr. 2·7	hr. 1·5	hr. 74·1	

341. Cahirciveen (Valentia Observatory) : H_r = 9·1 metres + 0·5 metre. **June, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.
1	·1	·2	...	...	·4	...	1·0	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	1·8	0·7
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	·1	·3	·4	...	...	...	...	...	...	·3	·2	...	...	...	...	1·3	1·2
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	0·3	0·4
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	·2	·3	·2	...	...	...	·1	...	...	...	...	...	...	...	·6	1·2	1·4	·4	...	...	4·4	4·6
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	0·1	0·2	...	...	0·6	0·3	1·2	...	...	0·1	0·4	0·4	...	0·1	...	...	...	...	0·9	1·4	1·4	0·4	...	0·3	7·8	6·9
Total Duration.	hr. 0·1	hr. 0·1	hr. ...	hr. ...	hr. 0·7	hr. 0·2	hr. 0·4	hr. ...	hr. ...	hr. 0·2	hr. 0·6	hr. 0·2	hr. ...	hr. 0·2	hr. ...	hr. ...	hr. ...	hr. ...	hr. 1·1	hr. 1·2	hr. 1·0	hr. 0·5	hr. ...	hr. 0·4	hr. 6·9	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres for periods of sixty minutes between the exact hours, Greenwich Mean Time.

342. Cahirciveen (Valentia) Observatory: H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 9·1 meters + 0·5 metre. **July, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	·1	·2	1·0	1·2
2	·4	·2	·1	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·9	1·6
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·8	·8	·6	2·2	2·7
6	·7	·8	·3	·2	...	·1	...	·1	...	...	...	...	...	...	...	...	1·1	·7	·2	·5	·2	...	...	...	4·9	5·5
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	·8	1·7	·2	·3	·7	·2	·1	·2	...	...	...	4·2	3·4
10	...	...	...	...	·3	·9	...	...	...	...	...	...	...	...	·1	·1	...	...	...	...	...	...	...	...	1·4	1·2
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	·1	·1	...	...	...	...	·2	1·7	1·0	1·3	2·0	·7	·2	·1	...	...	·2	...	7·6	6·6
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	·6	3·2	6·2	2·2	...	·2	·3	·2	...	·1	...	...	·1	...	...	...	·2	...	...	13·3	5·8
17	...	...	...	...	...	...	...	...	...	...	...	·3	·1	4·0	1·0	·2	...	...	...	...	...	...	...	...	5·6	1·7
18	...	...	...	·2	·3	·3	·2	...	...	...	·3	·5	·3	·6	1·1	1·0	2·0	1·4	·5	·2	·2	·4	...	...	9·5	**8·7**
19	1·4	·1	1·8	1·3	3·0	·3	·8	1·5	...	...	...	1·1	...	·3	2·6	1·0	2·0	...	·1	...	·2	...	...	...	**17·5**	5·7
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	...	·1	...	...	...	...	...	...	0·8	0·4
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	0·3	0·3
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	2·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·2	0·5
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	·3	·6	1·3	1·3	·2	1·2	1·7	1·9	2·6	0·7	...	...	...	...	11·8	6·4
26	·4	·3	...	...	1·5	·1	...	...	·2	·2	·1	·3	·6	·1	...	...	·3	...	·2	...	...	...	...	...	4·3	3·7
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·2	...	·4	0·8	1·6
29	...	...	...	...	...	...	...	...	1·2	...	...	...	...	...	...	...	...	·3	·9	·5	...	...	·2	...	3·1	2·1
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	1·1	2·3	1·5	2·4	·7	2·0	·2	10·4	5·5
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	2·9	1·4	2·3	1·8	5·2	4·5	4·3	7·9	3·6	0·2	0·9	3·1	2·7	8·8	7·8	5·7	**9·6**	7·0	7·5	3·7	3·3	3·0	3·3	1·4	101·9	64·8
Total Duration.	hr. 2·4	hr. 1·6	hr. 1·9	hr. 1·4	hr. 2·5	hr. 2·6	hr. 1·9	hr. 1·9	hr. 1·1	hr. 0·3	hr. 1·1	hr. 3·0	hr. 3·2	hr. 4·1	hr. 4·7	hr. 3·9	hr. 4·6	hr. **5·7**	hr. 4·0	hr. 2·9	hr. 2·3	hr. 2·8	hr. 2·5	hr. 2·4	hr. 64·8	

343. Cahirciveen (Valentia Observatory): H_r = 9·1 metres + 0·5 metre. **August, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	·2	...	...	...	·1	2·2	·3	...	·4	...	...	...	...	...	...	...	...	·4	...	...	...	...	...	3·6	1·8
2	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	1·3	2·3	3·8	1·8
3	5·0	3·8	·9	1·7	1·1	·3	·1	·5	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13·5	6·1
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·1	...	·4	0·7	1·0
5	1·1	1·9	...	1·7	·3	2·6	·3	·4	...	1·3	3·6	·3	...	...	...	...	...	...	...	...	...	...	...	...	13·5	5·2
6	...	...	...	...	...	...	...	...	...	1·7	...	...	...	...	...	...	...	·1	·2	·1	·4	...	1·5	·7	4·7	1·7
7	...	·5	1·9	·1	·2	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	2·8	1·1
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·4	3·0	·6	·1	·7	2·8	1·0	...	...	10·6	4·6
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	·4	·1	...	·3	·6	·2	1·1	1·2	2·2	1·2	1·0	1·1	·5	7·6	**17·5**	**9·5**
12	·8	·1	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	·6	·2	·9	...	...	2·7	1·8
13	...	·4	·3	...	...	...	·2	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	1·6
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	...	·1	...	...	...	...	·6	1·2	0·8
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	...	...	...	...	...	...	...	0·4	0·2
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·3	1·4	3·5	1·7	·4	·5	...	...	7·9	3·4
21	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·1
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	·1	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·3
24	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	0·2	0·2
25	...	...	...	...	...	...	...	...	...	...	...	...	1·3	1·5	·7	...	...	·1	·6	...	·6	...	·3	·1	5·2	3·9
26	·1	·1	·1	...	·4	·1	1·4	·2	2·8	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·5	3·8
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	0·2	0·2
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	·2	·1	...	·1	·2	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	1·2	1·7
Sum.	7·1	7·2	3·3	3·5	2·1	3·3	4·5	2·0	2·9	3·8	4·1	0·6	1·3	2·0	1·7	2·7	4·9	3·4	7·1	4·4	5·5	3·8	3·9	**11·7**	96·8	50·8
Total Duration.	hr. 2·5	hr. **3·2**	hr. 2·3	hr. 1·9	hr. 2·3	hr. 1·3	hr. 2·5	hr. 2·4	hr. 1·2	hr. 1·6	hr. 1·1	hr. 0·5	hr. 0·5	hr. 1·5	hr. 1·8	hr. 1·1	hr. 3·0	hr. 2·7	hr. 2·9	hr. 3·1	hr. **3·2**	hr. 2·7	hr. 2·3	hr. **3·2**	hr. 50·8	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres for periods of sixty minutes between the exact hours, Greenwich Mean Time.

344. Cahirciveen (Valentia Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 9·1 metres + 0·5 metre. **September, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	·1	·2	·8	·6	·7	·9	·2	·2	·1	·7	1·0	...	·5	...	...	...	...	...	...	...	...	...	...	...	6·0	6·0
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	·8	...	...	...	...	...	...	·5	...	...	...	...	1·3	0·8
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	·2	0·3	0·4
8	·2	...	...	...	·1	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	0·8	0·7
9	·2	·1	...	...	·3	·2	1·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·0	1·5
10	...	...	...	...	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·4
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·7	0·4	0·3	0·3	0·7	2·6	5·3
14	1·0	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	1·2
15	...	...	...	...	...	...	...	...	...	...	·1	1·3	1·6	2·6	2·3	·5	...	·1	·1	...	·2	·1	·3	...	9·2	3·9
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·2	·6	·8	·9	4·5	4·0
17	2·7	4·0	0·9	0·4	·9	·7	·5	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**10·4**	6·2
18	...	...	...	...	...	...	...	...	·1	·1	1·3	1·1	·8	2·7	·3	...	...	...	...	...	·1	...	·1	·5	7·1	2·6
19	·6	...	·8	...	...	...	...	·6	1·2	1·1	...	1·4	...	...	1·1	...	·1	...	...	·5	...	...	...	...	7·4	2·2
20	...	...	·5	...	...	...	...	·1	...	...	...	...	...	...	...	·7	·5	...	...	·6	1·7	1·2	...	2·4	7·7	2·0
21	·9	1·7	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	1·6	2·0	6·6	2·7
22	3·8	1·3	...	...	...	...	1·2	1·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·2	2·7
23	...	...	·5	...	·2	...	1·4	...	...	·1	...	...	·2	...	...	·6	...	...	·1	·1	...	...	...	...	3·2	1·5
24	1·1	...	...	...	·8	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	2·7	1·6
25	·3	·2	·3	·3	·2	·1	·1	1·7	1·7	·4	...	...	...	...	...	...	...	...	...	...	...	·6	...	...	5·9	**7·4**
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·3	1·4	·3	·2	·3	·1	...	...	...	...	3·6	3·1
28	...	...	·1	·3	·4	·2	·6	·7	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	2·9	5·0
29	...	...	...	...	...	...	...	·3	·6	·3	·2	...	...	...	...	·3	·1	·5	·7	·9	·6	·2	·1	...	4·8	6·2
30	·2	1·5	1·4	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·5	2·8
Sum	**11·1**	9·2	5·3	2·0	4·0	2·5	5·4	5·8	4·1	2·7	2·6	3·8	3·9	5·3	5·0	3·5	1·0	0·8	1·4	3·5	5·4	3·1	3·2	7·5	102·1	70·2
Total Duration.	hr. **5·2**	hr. 4·1	hr. 4·3	hr. 3·1	hr. 4·5	hr. 3·3	hr. 3·5	hr. 4·4	hr. 2·9	hr. 2·1	hr. 1·3	hr. 1·4	hr. 2·0	hr. 0·8	hr. 1·5	hr. 1·7	hr. 1·1	hr. 1·6	hr. 2·2	hr. 3·3	hr. 4·0	hr. 3·5	hr. 3·7	hr. 4·7	hr. 70·2	

345. Cahirciveen (Valentia Observatory) : H_r = 9·1 metres + 0·5 metre. **October, 1925.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·3
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	·1	·2	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	0·9
15	...	...	...	...	...	...	...	·7	...	...	...	...	...	...	...	...	·1	·2	·1	...	...	·1	...	...	1·2	1·1
16	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	1·5	·1	...	...	...	...	1·9	1·6
17	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·6	...	...	...	·1	...	·1	...	...	·1	1·0	1·3
18	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·3
19	...	·1	...	...	...	...	...	·6	·9	3·3	1·2	1·6	3·0	1·2	2·0	1·6	·3	·5	·1	...	...	...	...	...	16·4	**10·2**
20	...	...	...	·3	·6	1·0	·4	·2	·7	·3	·1	...	...	...	...	...	·1	...	...	...	...	...	...	...	3·7	4·3
21	...	...	...	...	...	...	...	...	·9	...	...	3·9	·1	...	...	...	·2	·1	...	·2	·2	...	...	3·2	8·8	2·6
22	·3	·7	·2	·6	·9	...	·2	...	...	...	...	·8	...	...	...	...	...	...	...	...	...	2·7	...	...	6·4	2·9
23	·6	·1	·1	·2	1·7	...	·1	·5	1·4	·7	·4	...	...	...	...	...	·1	...	·1	...	...	...	...	...	6·0	3·9
24	...	...	...	...	...	...	...	·2	3·6	·4	...	·2	·4	...	...	...	...	...	·1	·1	1·0	...	...	...	6·0	1·9
25	·1	·2	...	...	...	·1	...	...	...	...	...	...	...	...	·2	·7	·6	1·3	·9	...	...	...	...	...	4·1	3·8
26	...	...	...	...	...	4·7	3·8	1·2	·5	...	...	...	...	...	...	...	...	...	...	1·7	·8	1·4	·6	·1	14·8	3·5
27	1·6	...	...	...	·6	·1	3·7	·2	1·8	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	8·4	2·4
28	...	...	·4	...	...	...	·1	1·0	...	·8	·9	2·2	2·8	2·7	·8	·3	·5	·2	·5	·1	·7	...	...	...	14·0	9·9
29	...	...	...	...	...	·2	2·1	4·9	2·5	·5	2·0	4·6	2·3	1·3	·6	...	...	...	...	...	...	...	...	...	**21·0**	7·3
30	...	...	...	...	...	...	...	...	...	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·3
31	...	...	...	...	·1	·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	1·4	0·8
Sum	2·8	1·1	0·7	1·2	4·1	7·3	10·5	9·6	12·3	6·6	4·6	**13·3**	8·6	5·3	4·2	2·6	1·9	2·4	3·4	2·2	2·8	4·6	0·6	3·9	116·6	59·3
Total Duration.	hr. 1·1	hr. 1·0	hr. 0·7	hr. 1·2	hr. 1·9	hr. 2·9	hr. **4·3**	hr. **4·3**	hr. 3·5	hr. 3·9	hr. 3·2	hr. 4·1	hr. 3·4	hr. 2·8	hr. 3·0	hr. 2·5	hr. 3·6	hr. 3·4	hr. 2·9	hr. 1·4	hr. 1·5	hr. 1·3	hr. 0·2	hr. 1·2	hr. 59·3	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres for periods of sixty minutes between the exact hours, Greenwich Mean Time.

346. Cahirciveen (Valentia Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 9·1 metres + 0·5 metre. **November, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	3·5	2·0	2·4	1·4	1·2	4·2	1·8	1·5	...	...	4·0	2·2	1·1	·1	·6	...	2·2	...	1·9	1·5	·3	·2	·2	...	**32·3**	**12·4**
2	...	...	·3	...	·1	...	...	...	...	...	...	...	...	...	...	...	1·1	...	...	·3	...	...	...	...	1·9	0·9
3	...	...	...	...	...	·2	...	·1	·9	1·3	·3	...	...	...	...	...	...	...	...	2·8	·2	·1	·2	·5	6·6	2·7
4	...	·6	2·4	...	2·8	3·1	·2	·7	...	·3	...	·2	·1	...	...	...	...	...	...	...	...	...	...	...	10·4	3·3
5	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	...	1·4	0·5
6	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	1·9	1·5	4·2	3·5	1·8	2·2	2·6	·3	...	...	18·2	6·9
7	...	...	...	...	...	·6	·2	1·4	...	...	...	...	·4	·4	...	...	...	...	·2	...	...	...	...	...	3·2	0·9
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	0·3	0·2
9	·5	·6	·6	...	...	...	...	...	·8	...	...	...	·3	...	...	·2	·6	·1	·7	...	...	...	...	...	4·4	1·8
10	·3	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·6
11	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	·2	·2	...	...	...	1·1	·3	·4	·3	·2	·1	...	...	...	...	...	2·8	4·1
14	·2	...	...	...	...	...	...	...	1·6	3·0	1·3	·5	...	...	...	...	...	...	...	...	...	...	...	...	6·6	2·8
15	·3	1·3	...	·5	1·3	...	...	·1	...	...	...	5·9	1·7	4·1	·8	·4	...	·1	...	...	...	...	...	...	16·5	4·4
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·2	·2	·3	·3	...	·2	·2	1·9	1·4
25	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
26	...	...	...	...	...	...	·8	1·6	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·7	1·8
27	...	...	...	...	...	...	·1	...	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	0·7
28	·1	·1	...	·2	...	...	·1	·2	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·9	1·0
29	·5	...	·1	...	·2	·1	...	...	·3	...	...	...	...	...	...	1·1	·4	...	·2	...	...	·4	...	...	3·3	2·0
30	·1	...	...	...	·1	·2	...	...	·3	...	...	...	...	...	...	·9	·2	...	...	...	...	...	...	...	1·8	0·9
Sum.	5·5	4·7	5·8	2·3	5·7	8·8	3·2	5·6	5·1	4·8	5·6	8·8	3·6	5·9	3·6	4·5	**9·5**	4·1	5·1	7·1	3·4	1·0	1·7	1·0	116·4	49·5
Total Duration.	hr. 2·6	r 2·2	hr. 1·7	hr. 1·6	hr. 2·5	hr. 2·9	hr. 1·6	hr. 2·6	hr. 2·9	hr. 2·1	hr. 1·6	hr. 2·3	hr. 1·8	hr. 2·0	hr. 2·2	hr. 2·3	hr. **3·7**	hr. 2·5	hr. 2·6	hr. 2·6	hr. 1·4	hr. 0·6	hr. 0·6	hr. 0·6	hr. 49·5	

347. Cahirciveen (Valentia Observatory) : H_r = 9·1 metres + 0·5 metre. **December, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	0·3
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	...	...	0·4	0·2
6	...	...	...	·1	1·0	·4	...	...	...	...	...	...	·2	1·2	·1	...	...	...	...	...	...	...	...	...	3·0	1·8
7	...	...	...	·1	·3	2·7	·9	·4	·2	...	3·8	1·9	1·0	...	·4	...	...	·3	·2	·6	·5	1·4	·6	·3	15·6	6·5
8	...	...	·4	2·1	·2	...	2·0	·1	...	...	·4	...	·3	...	·3	...	...	·6	...	...	1·2	...	·3	...	7·9	2·9
9	·3	...	·4	...	...	...	·5	...	...	...	·5	...	·2	·1	...	...	...	·1	...	...	...	...	...	...	2·1	1·1
10	...	...	...	...	·3	...	...	...	...	...	...	·1	...	·1	·1	...	·1	...	...	...	...	...	...	...	0·7	0·7
11	...	...	...	...	...	·4	...	...	...	...	·2	...	...	·2	...	·1	...	...	...	...	...	...	...	·2	1·1	1·0
12	...	...	...	...	...	...	...	...	...	...	...	·2	·3	...	...	...	...	...	·6	...	...	...	...	...	1·1	0·7
13	1·0	·4	...	·1	...	·2	...	·2	...	...	...	...	...	...	...	...	...	...	1·3	·4	...	·1	...	·2	3·9	2·2
14	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
15	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	...	...	·2	...	...	·2	·2	...	·9	·3	2·3	2·4
16	·3	·2	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	1·0	0·8
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	·1	·3	·2	·2	...	...	...	...	...	·3	...	...	...	...	...	...	...	1·1	1·5
19		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	·2	·1	...	·4	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	0·9	0·9
21	...	...	...	·1	...	·3	·4	...	·6	...	·5	1·0	...	·5	...	...	...	...	·2	·1	...	·9	...	...	4·6	2·7
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	·8	3·4	1·5	·2	...	...	...	7·1	3·0
23	...	...	...	...	...	...	...	·5	·4	...	...	...	·6	·4	·2	...	...	...	·4	·1	·1	·2	·6	...	3·5	2·3
24	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	·3	·5	·5	·1	·2	...	...	...	...	1·8	2·6
25	...	...	...	...	...	...	...	·3	·6	...	...	...	·2	·5	...	...	...	...	...	...	...	...	...	...	1·6	1·7
26	...	...	...	...	...	...	...	...	...	...	...	2·1	1·6	·1	...	...	...	...	...	...	...	...	...	...	3·8	1·3
27	...	...	...	...	...	...	...	...	...	...	4·1	·1	...	...	...	·3	...	...	·2	·4	...	·1	...	...	1·5	1·3
28	·3	...	...	...	·8	1·6	1·6	2·5	·6	·3	·4	...	...	·2	...	·1	...	...	...	...	...	...	...	...	8·4	6·7
29	1·9	·8	·5	3·4	·8	...	...	...	·4	·5	·8	1·0	1·9	·1	...	...	...	...	...	...	·6	...	·6	4·2	**17·5**	**7·6**
30	·1	...	2·4	·2	...	1·5	...	...	...	·9	·5	...	...	...	...	·3	...	...	...	...	...	...	...	...	5·9	2·4
31	...	·7	·5	·4	·2	...	·2	...	·2	·5	...	·7	·2	·4	3·4	2·4	...	...	...	...	...	...	...	...	9·8	3·5
Sum.	4·0	2·8	4·2	6·5	3·8	7·4	5·6	4·5	3·6	2·4	**7·9**	7·1	6·5	4·3	4·5	3·5	2·3	2·5	6·4	3·9	2·8	2·7	3·0	5·2	107·4	58·3
Total Duration.	hr. 2·4	hr. 1·7	hr. 1·6	hr. 2·4	hr. 2·5	hr. 3·7	hr. 2·6	hr. 2·9	hr. 3·3	hr. 2·2	hr. **4·4**	hr. 3·3	hr. 3·2	hr. 3·0	hr. 1·5	hr. 1·5	hr. 2·1	hr. 2·0	hr. 2·4	hr. 2·7	hr. 1·7	hr. 1·6	hr. 1·9	hr. 1·7	hr. 58·3	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

For periods of sixty minutes, between the exact hours of Local Apparent Time.

348. Cahirciveen (Valentia Observatory) : h_s (height of recorder above ground) = 12·8 metres.

January, 1925.

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
2	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
3	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
4	—	—	—	—	—	...	...	...	·1	·5	·4	·7	·1	—	—	—	—	—	1·8	23
5	—	—	—	—	—	...	·5	·3	·8	·9	·9	·6	·1	—	—	—	—	—	4·1	52
6	—	—	—	—	—	...	·8	1·0	·8	·8	·8	·9	·2	—	—	—	—	—	5·3	**67**
7	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
8	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
9	—	—	—	—	—	...	...	·8	1·0	1·0	·2	·2	·2	—	—	—	—	—	3·4	43
10	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
11	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
12	—	—	—	—	—	...	...	·2	...	...	...	...	...	—	—	—	—	—	0·2	2
13	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
14	—	—	—	—	...	...	·8	1·0	·5	·2	·7	...	...	...	—	—	—	—	3·2	39
15	—	—	—	—	...	...	·4	·7	·9	1·0	1·0	1·0	·5	...	—	—	—	—	**5·5**	**67**
16	—	—	—	—	...	...	...	·4	·1	·1	·1	...	...	...	—	—	—	—	0·7	9
17	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
18	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
19	—	—	—	—	...	...	·6	1·0	·7	...	...	...	...	...	—	—	—	—	2·3	27
20	—	—	—	—	...	...	...	...	...	...	...	·1	...	...	...	—	—	—	0·1	1
21	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
22	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
23	—	—	—	—	...	·1	·2	·7	1·0	1·0	1·0	1·0	·4	...	—	—	—	—	5·4	63
24	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
25	—	—	—	—	...	·2	1·0	1·0	·1	·4	·5	·1	...	...	—	—	—	—	3·3	38
26	—	—	—	—	...	·1	·2	·8	·2	·3	...	...	...	...	—	—	—	—	1·6	18
27	—	—	—	—	...	...	...	...	...	·1	...	...	...	...	—	—	—	—	0·1	1
28	—	—	—	—	...	...	·2	·9	·9	·9	·9	1·0	·4	...	—	—	—	—	5·2	59
29	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
30	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
31	—	—	—	—	...	...	...	·2	·2	·7	·2	·5	·2	...	—	—	—	—	2·0	22
Sum.	—	—	—	—	...	0·4	4·7	**9·0**	7·3	7·9	6·7	6·1	2·1	...	—	—	—	—	44·2	—
Mean.	—	—	—	—	...	0·01	0·15	**0·29**	0·24	0·25	0·22	0·20	0·07	...	—	—	—	—	1·43	17

349. Cahirciveen (Valentia Observatory) : h_s = 12·8 metres.

February, 1925.

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	ht.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	...	...	·6	1·0	·3	...	...	...	...	...	—	—	—	—	1·9	21
2	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
3	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
4	—	—	—	—	...	·3	·3	...	·5	·6	...	...	·1	...	—	—	—	—	1·8	20
5	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
6	—	—	—	—	...	·2	·7	·4	·2	·2	·5	...	·3	...	—	—	—	—	2·5	27
7	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
8	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
9	—	—	—	—	...	...	...	...	·1	·4	·3	·5	·1	...	—	—	—	—	1·4	15
10	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
11	—	—	—	—	...	...	·3	·7	·8	·5	·6	·4	·2	...	—	—	—	—	3·5	36
12	—	—	—	—	...	·2	·2	·7	1·0	·5	·3	·2	·1	...	—	—	—	—	3·2	33
13	—	—	—	—	...	·2	·8	·9	·2	...	·2	·8	·3	·1	—	—	—	—	3·5	36
14	—	—	—	—	...	·4	·7	·6	·9	...	·4	·6	·2	·1	—	—	—	—	3·9	40
15	—	—	—	—	...	...	·2	·7	·2	...	·1	...	·1	...	—	—	—	—	1·3	13
16	—	—	—	—	·1	...	·4	·4	·6	·1	·6	·6	·8	...	—	—	—	—	3·6	36
17	—	—	—	—	...	·7	1·0	·8	·8	·9	·4	·7	...	...	—	—	—	—	5·3	53
18	—	—	—	—	...	·9	·8	·8	·8	·8	·9	·9	·4	·3	—	—	—	—	6·6	**65**
19	—	—	—	...	...	·2	·2	·7	1·0	1·0	·9	1·0	1·0	...	...	—	—	—	6·0	59
20	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
21	—	—	—	...	...	·4	·7	·8	·7	·6	1·0	·9	1·0	·2	...	—	—	—	6·3	61
22	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
23	—	—	—	...	...	·2	·6	·8	·7	·9	·8	·6	·4	·1	...	—	—	—	5·1	49
24	—	—	—	...	...	...	...	·1	·5	·2	...	·1	...	...	...	—	—	—	0·9	9
25	—	—	—	...	...	...	...	·5	·8	1·0	·5	·2	...	...	...	—	—	—	3·0	29
26	—	—	—	...	...	·1	...	·8	·7	·6	·4	·2	·3	·1	...	—	—	—	3·2	30
27	—	—	—	...	...	·7	·8	·9	·8	·7	·7	1·0	·9	·2	...	—	—	—	**6·7**	63
28	—	—	—	...	·2	·9	1·0	·7	...	...	...	...	...	·8	...	—	—	—	3·6	34
Sum.	—	—	—	...	0·3	5·4	9·3	**12·3**	11·6	9·0	8·6	8·7	6·2	1·9	...	—	—	—	73·3	—
Mean.	—	—	—	...	0·01	0·19	0·33	**0·44**	0·41	0·32	0·31	0·31	0·22	0·07	...	—	—	—	2·62	27

For periods of sixty minutes, between the exact hours of Local Apparent Time.

350. Cahirciveen (Valentia Observatory) : h_s (height of the recorder above ground) = 12·8 metres. **March, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	...	·2	·1	1·0	·9	·6	·1	...	·1	·4	·3	...	—	—	—	3·7	34
2	—	—	—	...	...	...	·9	·6	·3	·9	·7	·1	·6	·3	...	—	—	—	4·4	40
3	—	—	—	...	·3	1·0	·4	·8	1·0	1·0	·8	·6	·2	·3	...	—	—	—	6·4	59
4	—	—	—	...	·3	1·0	1·0	1·0	1·0	1·0	·8	·8	·3	·5	...	—	—	—	7·7	70
5	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
6	—	—	—	...	...	...	...	...	...	...	·1	·2	1·0	·2	...	—	—	—	1·5	14
7	—	—	—	...	...	...	·2	·1	·1	·2	·2	...	...	...	...	—	—	—	0·8	7
8	—	—	—	...	·1	·9	·9	·8	1·0	·7	·9	1·0	1·0	1·0	...	—	—	—	8·3	73
9	—	—	—	...	·3	·2	·5	...	·4	...	...	...	...	...	...	—	—	—	1·4	12
10	—	—	—	...	...	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·5	1·0	·2	—	—	—	8·7	76
11	—	—	—	...	...	·2	·2	·1	·1	·2	·8	·9	·9	...	...	—	—	—	3·4	30
12	—	—	—	...	·7	·4	·1	...	·1	...	·5	·6	·1	·1	...	—	—	—	2·6	23
13	—	—	—	...	...	...	...	·1	...	...	...	...	...	...	...	—	—	—	0·1	1
14	—	—	—	...	...	...	...	...	·3	1·0	...	·7	·5	·1	...	—	—	—	2·6	22
15	—	—	—	...	·1	·8	·6	·1	·5	1·0	1·0	·9	1·0	1·0	·3	—	—	—	7·3	62
16	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
17	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
18	—	—	—	...	...	...	...	...	...	...	...	·1	·2	·1	...	—	—	—	0·4	3
19	—	—	—	...	...	...	...	...	·1	...	...	·1	·6	·3	...	—	—	—	1·1	9
20	—	—	—	...	...	...	...	...	·4	1·0	·9	1·0	1·0	1·0	·1	—	—	—	5·4	45
21	—	—	...	·1	·5	·7	1·0	1·0	1·0	1·0	1·0	·9	·8	·4	·5	...	—	—	8·9	74
22	—	—	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	...	—	—	**10·8**	**89**
23	—	—	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	—	—	0·2	2
24	—	—	...	...	·2	·5	1·0	·8	·6	·7	·2	·5	·5	·1	·2	...	—	—	5·3	43
25	—	—	...	...	·1	·3	·6	1·0	·9	·9	·7	1·0	·7	·5	·4	...	—	—	7·1	57
26	—	—	...	...	...	·8	·9	·2	·5	·2	·5	·9	1·0	1·0	·5	...	—	—	6·5	52
27	—	—	...	·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	·3	·7	...	—	—	10·1	80
28	—	—	...	...	...	...	·1	·3	·2	·9	·7	·7	·6	1·0	·5	...	—	—	5·0	40
29	—	—	...	·2	1·0	...	...	...	...	...	...	...	...	...	...	...	—	—	1·2	9
30	—	—	...	...	·1	·3	·9	·6	·8	·2	·8	·2	...	·2	...	...	—	—	4·1	32
31	—	—	...	...	...	...	·2	·7	...	·1	·3	·7	·9	·7	1·0	...	—	—	4·6	36
Sum.	—	—	...	0·7	5·9	10·2	13·5	12·3	12·9	14·1	13·9	**15·0**	14·6	11·4	5·1	...	—	—	129·6	—
Mean.	—	—	...	0·02	0·19	0·33	0·44	0·40	0·42	0·45	0·45	**0·48**	0·47	0·37	0·16	...	—	—	4·18	35

351. Cahirciveen (Valentia Observatory) : h_s = 12·8 metres. **April, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·5	·2	·2	...	...	—	—	8·0	62
2	—	—	...	...	...	·1	...	·3	·9	·8	·7	·9	·9	1·0	·6	...	—	—	6·2	48
3	—	—	...	·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	·2	·1	...	—	—	9·2	71
4	—	—	...	...	...	...	...	...	...	...	·6	1·0	1·0	1·0	·5	...	—	—	4·1	31
5	—	—	...	...	·3	...	·2	8	1·0	·9	·3	·7	·9	·7	·6	...	—	—	6·4	49
6	—	—	...	...	·1	·1	·5	·3	·3	·1	...	·1	·9	·1	·1	...	—	—	2·6	20
7	—	—	...	·7	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	·1	—	—	11·5	86
8	—	—	...	·6	·9	1·0	·7	·5	...	...	...	...	...	...	...	...	—	—	3·7	28
9	—	—	...	·6	·9	·5	·8	...	...	·2	·4	...	·5	·8	·5	...	—	—	5·2	39
10	—	—	...	·1	·9	·5	1·0	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	...	—	—	10·4	77
11	—	—	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	—	—	0·2	1
12	—	—	...	·2	·3	·6	1·0	1·0	1·0	·2	...	...	...	...	...	...	—	—	4·3	32
13	—	—	...	...	·1	·5	·9	·9	·7	·8	·6	·4	·5	·1	...	...	—	—	5·5	40
14	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
15	—	—	...	...	...	...	...	·7	·4	·6	·6	·7	·8	·9	·8	...	—	—	5·5	40
16	—	—	...	·2	·2	·6	·8	·8	·5	·8	·8	1·0	·5	·8	·4	·1	—	—	7·5	54
17	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
18	—	—	...	...	...	·1	·4	·4	·6	·4	1·0	1·0	1·0	·8	·7	·4	—	—	6·8	49
19	—	—	...	...	...	...	...	...	...	·3	·9	...	...	...	...	...	—	—	1·2	9
20	—	...	·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·6	...	—	**13·1**	**93**
21	—	...	·5	1·0	1·0	·7	1·0	·8	·1	...	...	...	...	...	...	...	...	—	5·1	36
22	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
23	—	...	...	·4	·4	·8	·9	·4	·7	·3	·7	1·0	·2	·7	·6	·4	...	—	7·5	52
24	—	...	...	...	·5	·2	·5	·8	·8	·6	·8	·2	...	...	...	...	...	—	4·4	31
25	—	...	...	...	...	...	·2	·1	·8	·4	·9	...	·2	·1	·1	...	...	—	2·8	19
26	—	...	...	·4	·4	·3	·1	·5	·6	·8	·8	·9	1·0	·8	·9	·1	...	—	7·6	52
27	—	...	...	...	...	...	...	...	·3	·8	1·0	·5	·5	·6	·2	...	...	—	3·9	27
28	—	...	...	·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	...	...	—	11·6	79
29	—	...	·8	·2	·3	·1	·8	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	·8	...	—	10·9	74
30	—	...	·1	...	·1	...	·2	·5	·7	·5	·1	·5	·5	1·0	·9	·8	...	—	5·9	40
Sum.	—	...	1·9	6·7	11·3	11·3	15·0	15·7	16·4	15·5	**17·1**	15·4	14·9	14·8	11·8	3·3	...	—	171·1	—
Mean.	—	...	0·06	0·22	0·38	0·38	0·50	0·52	0·55	0·52	**0·57**	0·51	0·50	0·49	0·39	0·11	...	—	5·70	41
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

352. Cahirciveen (Valentia Observatory) : h_s (height of recorder above ground) = 12·8 metres. **May, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr	hr.	hr.	%
1	—	…	·5	·4	·8	·8	1·0	1·0	·8	·9	·8	·2	·8	…	·4	…	—	—	8·4	57
2	—	…	·5	·3	·3	·7	1·0	·6	·3	·4	…	·2	…	…	…	…	…	—	4·3	29
3	—	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	—	…	…
4	—	…	·5	·9	·8	·8	·7	·9	·2	·9	·7	·6	·9	·9	·3	·1	…	—	9·2	61
5	—	…	…	…	…	…	…	…	…	…	…	…	…	…	·1	…	…	—	0·1	1
6	—	…	·5	·5	·7	1·0	1·0	·9	·7	·9	…	…	…	·2	…	…	…	—	6·4	42
7	—	…	…	…	…	…	·1	…	…	…	…	…	…	…	…	…	…	—	0·1	1
8	—	…	…	·3	…	·3	·3	·6	1·0	1·0	·7	·9	·9	·3	·1	…	…	—	6·4	42
9	—	…	·1	·9	·7	·7	·7	·7	·7	·1	…	…	…	…	…	…	…	—	4·6	30
10	—	…	…	…	…	·7	·6	…	·8	1·0	1·0	·9	·9	·5	…	…	…	—	6·4	42
11	—	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	—	…	…
12	—	…	…	…	…	…	…	…	…	…	…	…	…	·6	·7	·3	…	—	1·6	10
13	—	…	…	…	…	…	…	…	…	…	…	…	…	…	·6	·1	…	—	0·7	5
14	—	…	·5	·3	·9	·9	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·1	…	…	—	10·5	68
15	—	…	…	…	…	·1	…	…	…	…	…	…	…	…	…	…	…	—	0·1	1
16	—	…	…	…	…	…	…	…	…	…	·1	·7	·7	·8	1·0	·7	·1	—	4·1	26
17	—	…	·5	·5	1·0	1·0	·8	·9	1·0	1·0	·9	·7	·9	·9	·4	·5	·2	—	11·2	71
18	—	…	1·0	1·0	1·0	1·0	·8	1·0	1·0	1·0	1·0	·9	1·0	1·0	·8	1·0	·2	—	**13·7**	**87**
19	—	…	·1	·1	…	…	·7	1·0	1·0	·7	1·0	·5	·2	·4	·8	…	…	—	6·5	41
20	—	…	·2	·2	·1	·5	·1	…	·4	·9	1·0	·4	·6	1·0	1·0	·9	·1	—	7·4	47
21	—	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	—	…	…
22	—	…	…	…	…	…	…	…	…	…	·3	…	…	…	…	…	…	—	0·3	2
23	—	…	…	…	·4	·2	·1	…	…	…	·1	·1	…	…	·5	·1	…	—	1·5	9
24	—	…	…	…	…	…	…	…	·4	·5	…	·3	·2	…	·1	…	…	—	1·5	9
25	—	…	·4	1·0	·7	…	…	·1	·2	·3	…	·4	·5	·5	1·0	·4	…	—	5·5	34
26	—	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
27	…	…	·5	·8	1·0	·7	·9	·4	…	·2	…	·2	·4	·2	·5	·3	…	…	6·1	38
28	…	…	·1	·1	·2	·8	·7	·5	·5	·2	…	…	…	…	…	…	…	…	3·1	19
29	…	…	…	…	…	…	…	…	…	…	…	…	…	·5	·7	·4	…	…	1·6	10
30	…	…	…	·2	·3	·8	·8	1·0	·9	·8	·7	·8	…	·8	1·0	·7	…	…	8·8	54
31	…	…	·8	·7	·6	1·0	·9	·9	1·0	1·0	·9	·6	1·0	·3	·6	·3	…	…	10·6	65
Sum.	…	…	6·2	8·2	9·5	12·0	12·0	11·5	11·9	**12·8**	10·2	9·4	10·0	9·9	10·7	5·8	0·6	…	140·7	—
Mean.	…	…	0·20	0·26	0·31	0·39	0·39	0·37	0·38	**0·41**	0·33	0·30	0·32	0·32	0·35	0·19	0·02	…	4·54	29

353. Cahirciveen (Valentia Observatory) : h_s = 12·8 metres. **June, 1925.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	…	…	·3	·7	1·0	1·0	·9	·7	·9	·7	·8	·9	·9	1·0	1·0	·8	·2	…	11·8	72
2	…	…	…	…	…	…	…	…	·3	·5	·5	·8	·1	·2	·1	…	…	…	2·5	15
3	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
4	…	…	…	·2	·2	·9	·7	·9	1·0	1·0	1·0	1·0	·8	·8	·1	…	…	…	8·6	52
5	…	…	…	…	…	…	…	…	…	·1	…	…	…	…	…	…	…	…	0·1	1
6	…	·1	·4	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	…	…	13·3	81
7	…	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	…	**15·6**	**95**
8	…	·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	…	14·6	88
9	…	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	·4	·5	·5	…	…	12·2	74
10	…	…	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	…	14·3	87
11	…	·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·1	…	14·4	87
12	…	…	·6	·2	1·0	·8	1·0	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·5	…	13·0	78
13	…	·3	1·0	·4	·3	·3	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·5	…	12·7	76
14	…	…	…	…	…	…	·1	·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·5	…	9·2	55
15	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·6	·1	0·7	4
16	…	…	…	…	…	…	·5	…	·1	…	·2	·2	·1	…	…	·1	…	…	1·2	7
17	…	…	·1	·1	…	…	…	…	…	…	…	…	…	…	…	…	·8	…	1·0	6
18	…	…	·1	…	·8	·4	·5	·6	·9	·1	…	…	…	·1	…	…	…	…	3·5	21
19	…	…	…	·6	·7	·9	·9	1·0	1·0	1·0	1·0	1·0	1·0	·5	·6	…	…	…	10·2	61
20	…	…	…	…	…	…	…	…	·2	·1	·1	…	…	·5	·3	…	…	…	1·2	7
21	…	…	…	·4	·4	…	…	·1	…	…	·1	·6	·4	·3	1·0	1·0	·6	…	4·9	29
22	…	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	…	**15·6**	93
23	…	·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	·4	·3	…	…	13·0	78
24	…	…	·5	1·0	1·0	1·0	·9	1·0	·9	·9	·9	·6	·4	·6	·3	·8	…	…	10·8	65
25	…	·2	·2	·5	·3	·9	1·0	1·0	1·0	1·0	1·0	1·0	·8	·8	·9	·8	…	…	11·4	69
26	…	…	…	·3	·3	…	·6	·3	·6	…	…	·8	1·0	·7	…	…	…	…	4·6	28
27	…	…	…	…	…	·1	·1	…	…	…	…	·2	·3	·6	·7	·7	·3	…	3·0	18
28	…	…	·3	·4	…	…	…	·1	·3	…	·6	·5	·5	…	…	·5	…	…	3·2	19
29	…	…	…	…	…	…	…	…	…	·6	·5	·9	·2	…	…	…	…	…	2·2	13
30	…	…	…	…	·1	…	·1	·3	·8	·6	…	·3	·2	·8	1·0	1·0	·8	…	6·0	36
Sum.	…	3·4	10·5	12·7	14·1	14·3	16·2	16·5	19·0	17·6	17·7	**19·8**	17·4	17·0	15·9	16·0	6·7	…	234·8	—
Mean.	…	0·11	0·35	0·42	0·47	0·48	0·54	0·55	0·63	0·59	0·59	**0·66**	0·58	0·57	0·53	0·53	0·22	…	7·83	47
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 ta 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total foi Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

354. Cahirciveen (Valentia Observatory) : h_s (height of recorder above ground) = 12·8 metres. **July, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	·4	...	·1	...	...	...	·9	1·0	·3	...	...	...	...	2·7	16
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	·3	·2	...	...	...	...	**11·0**	**67**
6	...	...	...	...	...	...	...	...	·1	·4	·5	·1	...	...	...	...	...	...	1·1	7
7	...	...	·8	·2	·5	1·0	1·0	1·0	·9	1·0	1·0	1·0	·6	·9	·8	...	...	...	10·7	65
8	...	...	·2	...	·9	1·0	·2	...	...	·2	·2	·7	...	·3	·7	·2	...	...	4·6	28
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	0·2	1
11	...	...	...	...	·1	·1	·5	·1	...	...	·8	1·0	·9	·7	...	...	...	...	4·2	26
12	...	...	...	...	...	...	...	...	...	...	·2	·2	...	...	...	...	...	...	0·4	2
13	...	...	...	...	...	...	...	...	...	...	·1	·2	...	...	...	...	...	...	0·3	2
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	·2	·7	·4	·8	1·0	·9	·9	1·0	·3	...	...	6·2	38
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	·1	...	...	·4	·2	...	...	·1	·2	·2	·1	...	...	1·3	8
20	—	·1	...	·3	·2	·2	·3	·8	·5	·8	·8	·2	...	·1	·6	1·0	·5	—	6·4	40
21	—	...	·3	·5	·7	·1	·7	·8	·7	·5	·4	·2	·4	...	...	...	...	—	5·3	37
22	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
23	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
24	—	...	...	...	·1	1·0	·8	·9	·9	1·0	1·0	·9	·9	·6	...	...	...	—	8·1	51
25	—	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	—	0·1	1
26	—	...	·4	·8	·7	·4	·7	·2	...	...	...	...	...	...	·1	...	...	—	3·3	21
27	—	...	...	...	...	...	...	·2	·3	·1	·1	·7	·5	·2	·4	...	...	—	2·5	16
28	—	...	...	...	...	...	·1	...	·1	·3	...	...	...	...	...	...	...	—	0·5	3
29	—	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	—	0·1	1
30	—	...	...	...	·2	·2	·3	·6	·8	·7	·2	...	...	...	...	...	...	—	3·0	19
31	—	...	...	...	1·0	·9	·7	·6	1·0	·4	...	...	...	...	...	·1	...	—	4·7	30
Sum.	...	0·9	2·7	2·8	5·4	6·5	6·3	6·7	7·4	7·0	7·1	**7·9**	5·6	4·4	3·8	1·7	0·5	...	76·7	—
Mean.	...	0·03	0·09	0·09	0·17	0·21	0·20	0·22	0·24	0·23	0·23	**0·25**	0·18	0·14	0·12	0·05	0·02	...	2·47	15·3

355. Cahirciveen (Valentia Observatory) : h_s = 12·8 metres. **August, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	...	·4	·4	·6	·5	·8	·5	·6	·5	1·0	·9	·9	1·0	·9	1·0	...	—	10·0	65
2	—	...	...	·4	·4	·2	·2	·3	·9	1·0	·8	·2	·2	·1	...	...	...	—	4·7	31
3	—	...	...	...	...	...	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·2	—	8·9	58
4	—	...	...	·1	·8	·5	...	...	·2	...	·2	·8	·5	·9	·4	...	...	—	4·4	29
5	—	...	...	...	...	...	...	...	...	...	·9	1·0	1·0	1·0	1·0	·9	...	—	5·8	38
6	—	...	·2	·5	·6	·1	·7	1·0	·7	·6	·2	...	...	...	...	...	...	—	4·6	30
7	—	...	·1	·1	...	·2	·4	·7	·5	·6	1·0	1·0	1·0	1·0	1·0	·2	...	—	7·8	52
8	—	...	...	·2	·4	·5	·7	·6	·1	...	...	...	...	...	...	...	...	—	2·5	17
9	—	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·5	...	...	...	...	...	—	9·2	61
10	—	...	·6	1·0	·7	·4	·4	·4	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·1	—	11·4	77
11	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
12	—	...	...	...	...	...	...	·3	1·0	·8	...	...	...	...	...	...	...	—	2·1	14
13	—	...	...	...	...	...	...	·3	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	·3	—	6·7	45
14	—	...	·8	1·0	·6	·3	·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·9	...	—	12·0	82
15	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	1·0	1·0	1·0	·2	...	—	12·3	84
16	—	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	...	—	**12·6**	**86**
17	—	...	...	...	·5	·5	·1	...	...	...	...	...	...	...	...	...	...	—	1·1	8
18	—	...	·2	·2	·9	1·0	1·0	1·0	1·0	1·0	1·0	·9	1·0	·7	·1	·2	...	—	10·2	70
19	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
20	—	...	...	·9	·6	·3	...	...	·1	...	...	...	...	...	...	...	...	—	1·9	13
21	—	...	...	·1	·2	·3	1·0	1·0	·9	1·0	1·0	1·0	1·0	·9	1·0	·1	...	—	9·5	66
22	—	...	...	...	...	...	·1	·7	·5	...	...	·2	...	...	...	...	...	—	1·5	11
23	—	...	...	...	...	·5	·9	1·0	1·0	·9	·9	1·0	1·0	1·0	1·0	...	...	—	9·2	65
24	—	—	...	...	...	...	...	...	...	·3	...	·1	·1	...	·6	·3	—	—	1·4	10
25	—	—	·4	·4	...	...	...	...	...	...	...	·1	...	...	...	...	—	—	0·9	6
26	—	—	...	...	...	...	...	·4	1·0	1·0	·9	·8	·8	·7	·6	...	—	—	6·2	44
27	—	—	...	...	·1	·2	...	...	...	...	...	...	...	...	...	...	—	—	0·3	22
28	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
29	—	—	...	...	·1	·9	·2	·3	·7	·2	·7	·1	·1	·8	·8	...	—	—	4·9	36
30	—	—	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	—	—	0·2	1
31	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	—	...	4·4	8·3	9·5	9·4	10·0	13·2	15·0	14·0	**15·6**	13·9	13·7	14·2	13·3	7·2	0·6	—	162·3	—
Mean.	—	...	0·14	0·27	0·31	0·30	0·32	0·43	0·48	0·45	**0·50**	0·45	0·44	0·46	0·43	0·23	0·02	—	5·24	36
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

356. Cahirciveen (Valentia Observatory : h_s (height of recorder above ground) = 12·8 metres. **September, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	...	...	...	...	...	...	...	·3	1·0	·9	·6	·8	·1	...	—	—	3·7	27
2	—	—	...	...	...	...	...	...	·1	·3	·2	·5	·5	·2	·2	...	—	—	2·0	15
3	—	—	...	...	...	...	...	...	...	...	·1	·7	1·0	·9	·9	·2	—	—	3·8	28
4	—	—	...	...	·1	...	...	·9	·9	·2	...	...	·3	...	...	...	—	—	2·4	18
5	—	—	...	...	...	...	...	...	...	...	·1	1·0	·9	·6	...	...	—	—	2·6	20
6	—	—	...	...	·7	1·0	·8	·1	·1	...	...	...	...	...	...	...	—	—	2·7	20
7	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
8	—	—	...	·1	...	...	·5	·4	·2	·9	·9	·6	·8	·8	·4	...	—	—	5·6	43
9	—	—	...	...	...	...	...	...	·2	·3	·8	·3	·7	1·0	·7	...	—	—	4·0	31
10	—	—	...	...	...	·8	·4	·5	·1	·2	·5	·1	...	...	...	...	—	—	2·6	20
11	—	—	...	·4	·4	·8	·2	·1	·8	·4	·9	1·0	1·0	1·0	·9	...	—	—	**7·9**	**61**
12	—	—	...	...	·1	...	·6	·2	·2	·1	·2	1·0	1·0	1·0	1·0	...	—	—	5·4	42
13	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
14	—	—	...	...	...	·3	·7	·6	·2	·2	...	...	...	·1	...	...	—	—	2·1	17
15	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
16	—	—	...	·3	1·0	1·0	1·0	1·0	1·0	1·0	·7	·1	·2	...	...	...	—	—	7·3	58
17	—	—	...	...	...	·3	·1	...	·7	·3	·6	1·0	1·0	1·0	·5	...	—	—	5·5	44
18	—	—	...	...	...	...	·1	...	·1	...	...	·1	...	...	...	...	—	—	0·3	2
19	—	—	...	...	...	...	·7	·8	...	...	...	...	...	·5	...	...	—	—	2·0	16
20	—	—	...	...	·3	·6	·5	·9	·8	·9	·9	...	...	·1	...	...	—	—	5·0	41
21	—	—	...	...	·9	·9	·8	1·0	1·0	·8	·5	·2	·1	...	...	...	—	—	6·2	50
22	—	—	...	...	...	1·0	·8	·3	...	...	...	·4	·1	·2	·1	...	—	—	2·9	24
23	—	—	...	...	·1	·8	·6	·8	·9	·8	·5	·3	·6	·7	...	...	—	—	6·1	50
24	—	—	—	·1	1·0	·9	·8	1·0	1·0	·4	...	...	...	...	...	—	—	—	5·2	43
25	—	—	—	...	...	...	...	...	...	·3	·5	·6	·7	...	...	—	—	—	2·1	17
26	—	—	—	...	·9	1·0	·8	·8	·9	·8	·9	·6	...	...	...	—	—	—	6·7	56
27	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
28	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
29	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
30	—	—	—	...	...	...	...	...	...	·1	·3	...	...	·7	·3	—	—	—	1·4	12
Sum.	—	—	...	0·9	5·5	9·4	9·4	9·4	9·2	8·3	**9·6**	9·4	9·5	**9·6**	5·1	0·2	—	—	95·5	—
Mean.	—	—	...	0·03	0·18	0·31	0·31	0·31	0·31	0·28	**0·32**	0·31	0·32	**0·32**	0·17	0·01	—	—	3·18	25

357. Cahirciveen (Valentia Observatory) : h_s = 12·8 metres. **October, 1925.**

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	—	—	—	**10·1**	**87**
2	—	—	—	...	...	...	...	...	...	·1	·1	·1	...	...	...	—	—	—	0·3	3
3	—	—	—	...	...	...	...	·1	...	...	...	...	·1	...	...	—	—	—	0·2	2
4	—	—	—	...	...	...	·2	·3	·7	1·0	·3	·2	...	...	...	—	—	—	2·7	24
5	—	—	—	...	·2	·9	·1	...	...	...	...	...	...	...	...	—	—	—	1·2	11
6	—	—	—	...	...	...	...	...	...	·4	·4	·2	...	...	...	—	—	—	1·0	9
7	—	—	—	...	...	...	...	·2	·1	·4	...	...	...	...	...	—	—	—	0·7	6
8	—	—	—	...	...	·6	·9	1·0	1·0	·5	·7	1·0	·9	...	...	—	—	—	6·6	59
9	—	—	—	...	·2	1·0	1·0	1·0	1·0	1·0	·6	·8	·8	1·0	...	—	—	—	8·4	76
10	—	—	—	...	·4	1·0	1·0	1·0	·9	·8	1·0	·6	·3	·7	...	—	—	—	7·7	70
11	—	—	—	...	·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	...	—	—	—	9·1	83
12	—	—	—	...	...	...	·8	1·0	1·0	1·0	1·0	1·0	·6	·7	...	—	—	—	7·1	65
13	—	—	—	...	...	...	...	...	...	...	·2	...	...	...	...	—	—	—	0·2	2
14	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
15	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
16	—	—	—	...	...	·1	·2	·3	·2	...	...	...	...	...	...	—	—	—	0·8	8
17	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
18	—	—	—	...	...	...	...	...	...	...	...	·1	·2	...	...	—	—	—	0·3	3
19	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
20	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
21	—	—	—	...	...	...	·6	·5	·1	·4	·1	·2	...	...	...	—	—	—	1·9	18
22	—	—	—	...	...	...	...	...	...	...	·4	·6	...	·1	...	—	—	—	1·1	11
23	—	—	—	...	...	...	...	...	...	·5	·8	·9	·1	...	...	—	—	—	2·3	23
24	—	—	—	—	...	·1	·2	·1	·6	·3	·4	·6	·3	...	—	—	—	—	2·6	26
25	—	—	—	—	...	·4	·3	·5	...	...	...	...	...	...	—	—	—	—	1·2	12
26	—	—	—	—	...	·1	1·0	·9	1·0	1·0	1·0	·6	·1	...	—	—	—	—	5·7	58
27	—	—	—	—	...	...	·2	·9	·8	1·0	·4	·4	·7	...	—	—	—	—	4·4	44
28	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
29	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
30	—	—	—	—	...	...	·1	·5	1·0	·9	1·0	·8	·6	...	—	—	—	—	4·9	51
31	—	—	—	—	...	...	·7	·3	1·0	1·0	·9	·6	...	...	—	—	—	—	4·5	46
Sum.	—	—	—	...	1·9	6·2	9·3	10·6	11·4	**12·3**	11·3	10·7	6·7	4·2	0·4	—	—	—	85·0	—
Mean.	—	—	—	...	0·06	0·20	0·30	0·34	0·37	**0·40**	0·36	0·35	0·22	0·14	0·01	—	—	—	2·74	26
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

358. Cahirciveen (Valentia Observatory): h_s (height of recorder above ground) = 12·8 metres. **November, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	...	...	...	...	...	...	·1	·3	·1	...	—	—	—	—	0·5	5
2	—	—	—	—	...	·4	·4	·6	1·0	1·0	·8	·2	·1	...	—	—	—	—	4·5	47
3	—	—	—	—	...	...	...	...	·7	·9	1·0	·9	·5	·2	—	—	—	—	4·2	44
4	—	—	—	—	...	...	·3	·4	·4	·5	...	...	...	...	—	—	—	—	1·6	17
5	—	—	—	—	...	·7	·8	1·0	·9	1·0	1·0	1·0	·9	...	—	—	—	—	7·3	78
6	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
7	—	—	—	—	...	...	·1	·7	·9	·7	1·0	·5	...	...	—	—	—	—	3·9	42
8	—	—	—	—	...	·7	1·0	·8	1·0	1·0	1·0	1·0	·8	...	—	—	—	—	7·3	79
9	—	—	—	—	...	·4	·6	·8	·6	·6	·9	·6	·1	...	—	—	—	—	4·6	51
10	—	—	—	—	...	·6	1·0	1·0	1·0	1·0	1·0	1·0	·6	...	—	—	—	—	7·2	79
11	—	—	—	—	...	·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	—	—	—	—	**7·8**	**87**
12	—	—	—	—	...	·2	1·0	1·0	·7	·8	·3	·1	·7	...	—	—	—	—	4·8	54
13	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
14	—	—	—	—	...	...	...	...	...	·2	·1	·2	...	...	—	—	—	—	0·5	6
15	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
16	—	—	—	—	...	·4	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	—	—	—	—	7·2	83
17	—	—	—	—	...	...	·1	·7	1·0	·8	1·0	·6	·2	...	—	—	—	—	4·4	51
18	—	—	—	—	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	—	—	—	—	7·0	81
19	—	—	—	—	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	...	—	—	—	—	7·1	83
20	—	—	—	—	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	·5	...	—	—	—	—	6·6	78
21	—	—	—	—	...	·2	1·0	1·0	1·0	1·0	1·0	·6	...	...	—	—	—	—	5·8	68
22	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
23	—	—	—	—	...	·1	1·0	1·0	1·0	1·0	1·0	·9	·8	...	—	—	—	—	6·8	81
24	—	—	—	—	...	...	1·0	·6	·8	·2	·1	·2	...	...	—	—	—	—	2·9	35
25	—	—	—	—	...	...	...	...	·5	·2	...	...	...	...	—	—	—	—	0·7	8
26	—	—	—	—	...	...	·1	·3	·1	...	·2	·2	...	...	—	—	—	—	0·9	11
27	—	—	—	—	...	...	...	·1	...	...	...	·8	·4	...	—	—	—	—	1·3	16
28	—	—	—	—	...	...	...	·6	·2	·1	...	·1	...	...	—	—	—	—	1·0	12
29	—	—	—	—	...	...	...	...	·5	·8	·6	·2	...	...	—	—	—	—	2·1	26
30	—	—	—	—	—	...	·2	·3	·6	·6	·8	·2	...	—	—	—	—	—	2·7	33
Sum.	—	—	—	—	...	4·6	13·6	15·9	**17·9**	17·4	16·9	14·6	9·3	0·5	—	—	—	—	110·7	—
Mean.	—	—	—	—	...	0·15	0·45	0·53	**0·60**	0·58	0·56	0·49	0·31	0·02	—	—	—	—	3·69	42

359. Cahirciveen (Valentia Observatory): h_s = 12·8 metres. **December, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	—	...	·9	1·0	1·0	1·0	1·0	1·0	·7	—	—	—	—	—	**6·6**	81
2	—	—	—	—	—	...	·9	1·0	1·0	1·0	1·0	1·0	·7	—	—	—	—	—	**6·6**	**83**
3	—	—	—	—	—	...	...	...	·8	·8	1·0	1·0	·5	—	—	—	—	—	4·1	51
4	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
5	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
6	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
7	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
8	—	—	—	—	—	...	·2	·1	·3	·7	·1	·2	...	—	—	—	—	—	1·6	21
9	—	—	—	—	—	...	...	·4	·2	·2	·2	·1	...	—	—	—	—	—	1·1	14
10	—	—	—	—	—	...	·2	·3	·7	·4	·9	·5	...	—	—	—	—	—	3·0	38
11	—	—	—	—	—	...	·3	·5	·6	·8	·2	...	...	—	—	—	—	—	2·4	31
12	—	—	—	—	—	...	·7	·3	·6	·7	·6	·5	·3	—	—	—	—	—	3·7	47
13	—	—	—	—	—	...	·1	·2	·2	·4	·4	...	...	—	—	—	—	—	1·3	17
14	—	—	—	—	—	...	·7	·7	1·0	1·0	1·0	·4	·5	—	—	—	—	—	5·3	69
15	—	—	—	—	—	...	...	...	...	...	·2	·1	...	—	—	—	—	—	0·3	4
16	—	—	—	—	—	...	...	...	·1	...	·1	...	...	—	—	—	—	—	0·2	3
17	—	—	—	—	—	...	...	...	...	...	...	·2	...	—	—	—	—	—	0·2	3
18	—	—	—	—	—	...	...	·7	·1	...	...	...	...	—	—	—	—	—	0·8	10
19	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
20	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
21	—	—	—	—	—	...	...	...	·1	...	·4	...	...	—	—	—	—	—	0·5	6
22	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
23	—	—	—	—	—	...	·3	·2	·4	·2	·3	·5	...	—	—	—	—	—	1·9	25
24	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
25	—	—	—	—	—	...	...	...	...	...	·1	...	...	—	—	—	—	—	0·1	1
26	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
27	—	—	—	—	—	...	...	...	·3	·6	...	...	...	—	—	—	—	—	0·9	12
28	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
29	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
30	—	—	—	—	—	...	...	·1	·2	·1	...	...	...	—	—	—	—	—	0·4	5
31	—	—	—	—	—	...	...	...	·3	·1	...	...	...	—	—	—	—	—	0·4	5
Sum.	—	—	—	—	—	...	4·3	5·5	7·9	**8·0**	7·5	5·5	2·7	—	—	—	—	—	41·4	—
Mean.	—	—	—	—	—	...	0·14	0·18	0·25	**0·26**	0·24	0·18	0·09	—	—	—	—	—	1·34	17
Annual Total.	...	4·3	25·7	40·3	63·4	89·7	123·6	138·6	**147·9**	143·9	142·2	136·4	112·7	87·9	66·1	34·2	8·4	...	1365·3	—
Annual Mean.	...	0·01	0·07	0·11	0·17	0·25	0·34	0·38	**0·41**	0·39	0·39	0·37	0·31	0·24	0·18	0·09	0·02	..	3·74	31
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°): Speed in Metres per second.

360. Cahirciveen (Valentia Observatory) : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	235	9·2	220	7·5	200	6·6	190	8·9	200	13·1	200	13·1	200	13·4	200	13·8	200	14·4	195	13·8	195	13·8	195	14·4
2	185	4·3	180	5·6	165	6·6	175	10·5	175	9·2	180	10·2	190	12·8	225	15·1	230	16·1	230	17·7	230	16·4	230	16·7
3	225	9·2	220	10·5	235	12·8	220	9·8	225	13·8	230	15·4	240	17·0	260	13·4	260	10·8	250	5·9	240	4·9	245	3·0
4	285	11·5	270	5·9	245	10·5	230	9·8	225	12·1	225	14·4	235	11·8	235	13·1	240	13·1	260	13·1	260	12·8	260	14·1
5	255	7·9	260	5·9	270	6·6	260	6·2	270	7·5	275	5·6	280	3·9	255	5·6	270	7·2	255	3·9	275	5·6	300	5·6
6	295	4·9	295	3·0	300	2·3	300	3·3	335	3·0	—	0·7	—	1·0	—	0·7	—	0·7	—	1·0	—	1·3	—	0·3
7	215	2·6	210	3·3	210	3·0	210	3·3	210	3·3	210	2·6	210	3·6	205	3·6	200	3·3	190	3·3	185	3·3	180	4·6
8	160	8·2	160	9·5	160	9·8	165	11·1	170	9·8	170	8·9	170	8·5	175	8·2	175	8·5	170	10·2	170	9·8	175	8·2
9	315	7·2	310	5·2	310	2·0	—	1·0	—	1·3	—	1·0	355	2·0	30	2·0	—	1·3	—	0·0	130	2·0	150	3·6
10	175	6·2	175	6·2	175	6·9	175	5·9	170	6·9	170	6·9	170	6·9	175	6·6	175	6·2	175	5·9	175	6·6	175	6·6
11	160	4·6	165	4·6	170	4·9	165	5·6	175	4·9	175	5·2	170	6·2	165	5·2	175	5·6	170	6·6	170	6·6	165	6·2
12	170	7·9	170	7·2	170	7·5	170	8·2	170	8·5	170	8·5	170	8·9	170	8·9	170	9·8	165	10·5	165	10·5	165	11·1
13	180	8·9	180	8·5	180	8·2	180	6·9	175	6·6	170	7·2	165	9·8	160	11·5	165	13·8	165	14·4	160	17·7	160	16·7
14	185	15·4	260	15·7	250	14·1	240	12·5	235	8·5	235	7·5	230	6·2	230	5·2	210	3·0	195	2·3	195	2·6	205	3·3
15	105	2·3	160	1·6	240	2·0	—	0·3	280	2·3	—	1·3	—	0·7	—	0·7	—	0·7	—	1·3	—	1·0	—	0·3
16	175	3·3	170	3·9	170	3·6	170	3·3	165	3·9	160	3·3	165	3·0	160	4·3	160	2·3	160	4·6	155	4·9	160	3·9
17	175	6·9	175	6·6	175	7·9	175	7·2	175	7·9	180	7·2	180	6·9	175	7·2	175	7·5	175	6·9	175	6·9	175	7·5
18	180	3·6	170	4·3	175	5·6	175	5·9	170	5·6	165	7·2	170	6·2	170	5·2	175	5·2	180	4·3	180	3·6	180	2·6
19	110	3·9	115	3·6	135	3·3	145	3·3	160	4·3	165	5·2	160	5·9	160	4·6	125	2·6	140	4·3	140	3·0	150	4·9
20	170	5·2	170	4·6	175	4·9	170	5·2	170	6·2	170	5·9	165	6·2	160	6·9	160	7·9	160	7·2	160	7·2	160	6·2
21	155	11·8	155	10·5	155	11·5	155	10·2	150	10·5	150	11·1	150	10·8	150	11·5	155	11·8	160	11·5	155	11·5	160	10·8
22	150	15·1	150	15·1	150	16·1	150	15·4	150	15·4	155	13·1	165	11·5	180	4·3	255	3·0	320	5·2	305	5·2	350	3·0
23	240	9·5	235	9·2	240	11·1	240	12·5	240	13·1	245	13·1	255	11·8	265	10·2	280	6·9	270	6·6	270	6·6	255	6·9
24	145	7·9	155	6·9	155	7·5	150	7·5	150	8·9	150	8·2	155	7·9	160	7·2	160	8·2	150	8·2	145	9·5	150	7·9
25	155	3·3	145	3·0	140	3·3	130	3·3	120	3·3	120	2·0	115	3·6	110	4·3	100	3·3	80	3·3	75	2·3	—	1·3
26	85	6·9	90	6·9	100	6·9	105	8·2	110	6·2	110	5·9	105	6·2	115	6·6	115	7·2	110	7·9	115	7·2	105	8·9
27	110	6·6	110	5·9	105	5·9	100	6·6	95	4·9	90	4·3	95	3·6	85	5·2	70	6·2	55	3·0	15	4·9	10	2·3
28	165	6·2	175	4·6	185	4·3	195	4·3	225	4·9	225	5·6	225	6·2	240	8·2	255	10·8	255	12·8	250	12·5	255	11·1
29	190	9·2	200	10·2	220	12·1	220	12·5	220	13·1	220	12·8	215	12·5	220	13·4	225	13·8	225	13·8	220	12·1	220	11·8
20	230	12·1	230	12·5	230	12·5	230	12·8	230	12·8	225	10·8	225	9·2	225	10·8	225	9·8	220	10·8	220	11·5	220	11·1
31	235	9·2	230	6·2	240	6·6	240	5·9	240	6·6	240	7·5	250	8·5	250	8·5	250	10·2	245	10·2	250	11·5	255	9·5
Mean ...	—	7·5	—	6·9	—	7·3	—	7·3	—	7·7	—	7·5	—	7·5	—	7·5	—	7·5	—	7·4	—	7·6	—	7·2

361. Cahirciveen (Valentia Observatory) : H_a = 12 metres + 14 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	325	9·8	335	5·9	305	7·2	305	5·9	305	5·6	290	6·2	280	6·2	290	5·2	285	4·6	265	3·6	265	5·2	255	5·2
2	200	5·2	200	5·2	190	4·3	185	4·3	185	4·9	185	5·2	180	5·2	185	5·9	180	6·2	190	5·9	210	7·2	220	8·2
3	220	4·9	220	6·2	230	5·6	235	6·2	225	6·2	225	7·5	220	8·5	220	8·2	215	9·5	225	7·5	225	8·9	225	9·5
4	250	4·9	220	5·2	225	4·3	225	4·9	220	2·6	220	3·3	250	2·0	220	2·3	215	3·0	210	3·0	205	3·0	185	3·9
5	200	9·2	215	10·2	220	10·8	220	11·5	220	11·8	225	10·8	225	10·2	225	10·8	245	8·2	280	4·6	260	6·6	270	6·2
6	255	7·5	260	8·9	255	8·9	275	9·8	270	8·9	270	10·2	285	9·5	260	10·2	270	9·8	260	10·8	270	8·9	270	11·5
7	295	8·9	300	8·2	290	6·9	290	7·5	285	6·6	300	4·9	260	2·0	—	1·0	195	3·0	180	3·9	180	4·3	175	6·2
8	240	13·8	240	13·1	240	15·1	240	13·8	240	13·8	235	12·5	235	11·5	230	10·2	230	11·5	225	10·5	225	10·8	225	12·1
9	250	12·5	250	12·1	250	10·8	245	12·1	245	11·1	240	10·8	240	9·8	235	6·2	225	5·9	200	5·2	180	6·6	190	11·8
10	210	8·2	205	7·9	195	9·5	195	9·2	190	10·5	200	9·8	210	10·5	220	10·8	215	12·8	210	12·1	210	12·1	225	10·8
11	255	2·3	275	2·3	300	2·0	290	4·3	285	4·6	—	1·3	245	3·6	260	3·6	240	6·9	250	5·6	240	3·6	235	8·9
12	240	7·5	245	9·5	240	9·2	245	7·5	235	11·8	230	9·2	215	6·6	210	4·3	255	5·6	260	5·6	250	7·5	245	6·6
13	255	9·5	265	8·9	275	7·5	250	8·2	285	3·6	240	3·0	215	4·6	210	3·9	230	6·9	220	4·6	230	5·9	220	5·2
14	—	0·7	350	3·9	295	5·6	330	2·0	320	8·5	320	11·5	350	12·1	350	12·5	350	12·1	355	10·2	350	9·8	350	9·2
15	—	1·3	35	3·6	15	6·2	10	9·5	10	8·5	5	10·5	360	10·2	360	10·8	355	11·1	345	12·8	350	12·1	350	10·8
16	325	9·5	320	6·2	320	6·9	335	4·3	315	6·6	335	3·6	315	7·2	335	4·9	315	8·9	310	6·6	325	6·6	310	6·9
17	10	3·3	10	3·0	10	3·0	—	1·0	—	0·7	10	1·6	360	2·6	5	2·3	5	1·6	360	2·3	355	3·0	330	4·3
18	350	4·6	360	3·9	335	5·2	345	3·6	325	3·9	345	5·6	345	3·9	335	2·6	345	3·3	330	4·6	330	5·2	330	5·2
19	360	3·9	5	3·9	355	4·3	330	6·2	335	5·2	340	4·9	350	3·6	350	4·3	340	7·5	340	7·9	335	8·5	345	8·9
20	—	1·0	—	1·3	90	2·3	80	2·3	—	1·0	—	1·3	—	0·7	140	5·6	150	7·9	150	8·5	160	7·5	170	7·5
21	350	6·2	340	7·5	325	10·2	340	9·2	330	8·2	325	9·5	315	9·2	315	9·5	320	8·2	320	8·2	310	8·2	310	8·5
22	—	1·0	—	1·3	—	1·0	—	1·3	145	3·6	160	3·9	155	6·6	155	6·2	165	6·2	175	8·5	170	10·2	170	11·5
23	265	12·1	280	11·8	260	12·1	270	11·5	280	15·7	280	11·1	280	10·8	265	12·5	270	10·8	255	10·5	250	9·5	255	8·9
24	160	9·8	150	12·8	150	15·1	150	13·8	170	10·5	175	4·6	205	7·9	235	13·1	240	15·7	230	14·1	230	13·4	230	16·1
25	230	11·5	220	9·2	235	8·9	280	11·1	270	8·2	265	7·2	260	8·9	245	9·5	235	9·2	245	12·8	285	12·8	275	12·5
26	230	9·8	220	6·9	220	8·5	210	8·5	235	5·6	280	6·2	275	6·9	300	8·5	325	8·5	330	7·9	340	8·2	345	10·5
27	325	13·4	335	11·1	325	13·1	320	12·1	320	11·1	320	11·5	310	10·8	300	11·1	305	10·5	305	8·2	290	9·5	290	10·5
28	255	11·1	260	9·5	265	10·2	275	7·9	285	5·2	295	3·6	295	3·6	340	3·3	—	0·0	5	1·6	—	1·3	310	3·3
Mean ...	—	7·3	—	6·8	—	7·7	—	7·5	—	7·3	—	6·8	—	7·0	—	7·1	—	7·7	—	7·4	—	7·7	—	8·6
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 12 metres + 14 metres.

January, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
195	16·4	200	16·7	230	13·1	230	12·8	235	14·1	240	19·7	240	19·3	245	19·7	240	13·4	235	9·2	230	5·2	195	3·9	12·9	1
230	16·7	230	17·0	230	15·4	230	15·4	230	17·0	230	13·4	235	14·8	230	13·4	235	11·8	240	11·8	225	9·2	225	10·5	12·7	2
235	2·0	200	2·0	175	2·0	155	4·6	130	4·9	130	5·2	100	5·2	90	6·2	80	6·9	80	6·6	75	3·0	245	11·5	7·8	3
260	13·8	255	12·8	250	11·5	255	12·5	245	9·2	245	10·5	250	6·9	245	7·5	240	4·9	260	3·9	295	4·9	270	7·9	10·4	4
285	6·6	280	8·5	280	7·9	285	7·5	290	5·9	280	7·5	280	6·9	295	5·2	300	6·6	300	6·6	300	5·9	315	6·6	6·4	5
—	0·0	—	0·7	300	3·0	285	2·6	255	2·0	240	2·6	230	2·6	220	3·0	215	2·3	215	3·0	215	2·3	215	3·3	2·1	6
180	5·6	180	5·6	180	4·9	175	4·9	180	4·3	175	4·6	170	5·9	165	5·6	165	5·2	165	6·2	165	7·9	165	8·5	4·4	7
185	7·2	225	8·2	235	9·2	265	9·8	280	11·8	290	10·8	300	11·1	305	12·8	310	11·5	310	10·5	310	10·2	310	8·2	9·7	8
160	3·6	165	4·3	170	4·6	170	4·3	175	3·6	175	3·9	175	4·9	175	4·6	175	5·6	175	5·6	170	5·2	175	5·6	3·6	9
170	5·6	170	7·2	170	6·9	170	6·6	175	5·2	175	5·2	165	5·2	165	4·3	165	2·3	165	3·9	165	3·6	170	3·9	5·8	10
170	5·9	165	7·9	165	8·2	165	8·5	170	7·9	170	6·9	170	6·6	160	7·5	160	7·5	165	8·9	170	8·2	170	7·2	6·5	11
165	11·5	165	9·8	165	11·1	165	11·8	155	12·1	155	12·5	150	14·1	155	14·8	165	10·2	175	10·5	175	10·2	180	10·5	10·2	12
160	18·4	165	18·4	165	18·7	165	17·0	165	18·7	165	17·0	170	17·4	170	17·0	170	17·4	170	16·4	175	14·8	180	15·7	**13·9**	13
215	3·3	215	3·3	215	3·0	—	1·3	210	2·0	200	2·0	—	1·3	—	1·3	—	1·0	—	1·0	75	1·6	—	1·0	5·2	14
—	1·0	—	1·0	170	2·3	230	2·3	230	2·3	200	2·0	195	2·0	195	1·6	—	0·7	195	2·6	190	3·3	180	3·0	**1·6**	15
170	3·6	170	3·6	170	4·9	165	5·6	160	6·2	165	4·9	170	4·3	175	5·2	180	4·9	180	5·9	185	7·9	180	7·5	4·4	16
175	7·5	175	7·2	175	6·6	170	6·2	170	7·2	170	6·6	175	6·2	175	5·6	175	4·6	175	4·3	175	4·6	180	3·9	6·6	17
—	1·0	—	0·3	175	2·3	—	1·3	—	1·3	—	1·3	105	2·3	25	2·3	85	6·2	75	5·6	75	4·9	85	3·3	3·8	18
150	6·2	135	5·6	135	4·9	145	4·9	150	5·6	140	6·9	150	7·2	150	7·5	155	7·9	150	6·9	155	6·6	165	5·9	5·2	19
165	7·9	165	7·2	165	8·2	165	6·9	165	6·9	165	7·9	165	8·9	165	9·5	160	9·8	160	9·8	160	10·5	160	11·5	7·3	20
160	12·8	160	12·1	160	11·8	160	11·5	150	13·1	155	13·1	150	14·1	150	15·1	150	15·1	150	15·1	150	15·4	150	15·1	12·3	21
25	2·6	20	3·0	5	1·6	—	1·0	—	0·3	250	2·0	260	7·2	250	6·6	240	5·6	240	6·9	245	6·2	245	10·5	7·4	22
260	6·2	255	4·9	255	3·6	255	2·0	230	1·6	185	3·0	120	2·0	120	3·3	135	4·6	140	6·6	145	6·6	145	7·2	7·1	23
150	9·5	160	7·2	160	7·2	160	6·6	160	6·6	155	5·9	155	5·6	170	4·3	170	2·6	170	2·3	170	2·6	165	3·3	6·7	24
110	3·0	105	2·0	105	3·3	110	6·9	100	8·9	105	8·9	100	6·2	95	4·6	95	5·6	90	7·2	90	8·9	90	9·8	4·5	25
100	7·9	105	6·6	110	6·9	105	7·2	110	6·9	115	7·9	115	7·9	110	7·9	105	8·2	110	8·9	110	7·9	110	6·9	7·4	26
330	5·9	330	8·2	325	5·6	330	5·2	335	2·6	—	1·0	—	0·3	335	1·6	20	2·3	20	2·3	—	1·3	155	5·6	4·2	27
275	11·5	275	11·5	280	11·1	280	8·9	260	7·9	265	10·2	245	9·5	235	6·9	225	6·9	205	7·5	190	7·9	190	8·9	8·3	28
230	13·1	250	9·5	235	10·5	240	12·8	235	12·1	235	12·1	240	10·5	255	9·8	260	8·2	260	7·5	255	5·2	225	3·0	11·0	29
220	12·5	215	11·8	220	12·5	215	12·5	205	11·5	210	11·5	210	11·5	215	12·8	215	12·8	200	12·1	225	10·5	235	12·5	11·5	30
255	11·5	255	12·5	260	13·1	275	11·8	275	13·4	285	12·8	290	13·1	290	10·8	290	11·5	310	9·2	305	10·2	300	9·2	10·0	31
—	7·7	—	7·6	—	7·6	—	7·5	—	7·5	—	7·7	—	**7·8**	—	7·7	—	7·2	—	7·3	—	**6·9**	—	7·5	7·4	

February, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
250	5·2	240	6·2	235	6·2	230	4·6	230	4·9	215	3·9	210	4·3	215	4·3	200	4·6	200	4·9	205	5·2	200	5·2	5·5	1
220	7·5	220	7·5	220	7·5	225	6·6	225	6·6	225	5·6	265	5·6	280	2·6	—	1·3	—	0·7	205	2·0	200	4·6	5·3	2
225	9·5	230	9·5	240	9·8	240	9·5	240	7·9	245	7·2	250	5·6	250	5·6	250	5·2	250	5·6	245	4·6	240	4·9	7·2	3
175	5·2	175	5·9	180	6·2	190	5·6	190	5·2	180	6·2	200	7·2	195	7·2	195	6·9	200	8·5	205	8·5	220	9·5	5·1	4
265	5·9	280	5·6	265	5·9	260	5·6	265	4·9	260	5·2	255	3·3	255	4·3	265	6·6	255	6·6	250	9·5	250	7·9	7·6	5
285	13·1	280	13·1	280	12·8	280	12·8	300	9·5	300	10·8	310	8·9	305	7·5	310	7·9	300	7·2	310	6·9	295	8·9	9·7	6
170	7·5	165	8·9	165	9·8	165	9·8	165	8·5	200	5·2	235	8·9	235	12·1	235	13·4	240	14·8	240	15·1	240	15·1	7·9	7
225	13·1	225	15·4	225	14·4	240	15·4	240	15·7	245	13·1	250	10·5	260	9·5	245	9·5	245	10·2	255	11·8	250	12·5	12·5	8
220	18·0	280	11·8	265	11·1	250	10·5	240	10·8	235	8·2	230	8·5	225	8·2	225	9·5	220	6·9	215	8·5	225	7·5	9·9	9
235	9·8	240	8·9	245	10·5	240	6·6	240	4·3	260	3·3	260	1·6	260	4·6	250	3·0	250	3·3	210	2·0	235	3·3	7·8	10
235	11·1	225	9·2	230	6·9	245	9·8	250	9·5	270	8·2	260	8·2	270	5·6	215	2·0	215	5·2	235	5·6	235	6·6	5·6	11
250	6·9	245	6·6	225	2·6	215	4·6	—	1·0	70	2·0	130	3·9	140	5·2	110	6·9	90	7·2	180	4·6	230	7·2	6·2	12
230	4·6	240	2·6	255	4·6	270	6·2	270	6·2	250	3·9	260	4·6	255	6·9	250	8·2	240	4·3	220	2·6	205	2·3	5·5	13
345	9·5	330	6·9	335	6·9	345	6·6	15	5·9	15	3·3	15	3·6	20	3·9	15	3·3	25	2·6	—	1·0	—	0·7	6·4	14
345	10·2	345	11·5	340	10·8	330	9·5	330	9·8	135	10·2	335	10·5	335	10·2	330	10·2	335	8·9	325	9·8	320	9·8	9·3	15
320	6·9	335	7·5	350	6·9	10	8·2	10	8·2	10	4·9	10	2·6	10	3·6	10	3·9	10	5·2	10	5·6	5	3·3	6·2	16
320	6·2	310	6·6	325	5·2	330	4·9	330	4·6	350	4·3	355	2·0	360	3·3	350	2·3	355	3·0	350	3·6	360	4·9	**3·3**	17
340	6·9	335	6·2	330	7·9	330	7·2	315	8·2	340	5·6	350	6·2	335	5·6	350	6·6	355	6·2	350	4·6	360	4·3	5·3	18
340	9·8	350	7·5	350	7·9	350	7·5	350	7·2	350	5·9	5	3·6	20	2·3	30	2·0	30	2·3	—	1·0	—	1·0	5·4	19
170	7·5	170	7·2	170	7·2	170	6·9	170	7·5	280	8·9	345	8·9	325	8·5	330	9·2	315	9·8	330	8·9	330	9·2	5·9	20
320	7·2	320	8·9	310	9·2	310	8·2	315	7·5	335	6·2	305	3·0	305	3·0	320	3·0	310	3·9	—	1·3	—	1·0	7·0	21
170	12·1	170	12·1	165	13·1	165	14·1	165	13·4	175	9·8	195	6·6	210	8·5	270	11·8	280	15·4	280	15·4	270	14·1	8·4	22
250	7·2	255	10·8	255	11·1	250	9·2	260	8·5	270	4·6	195	2·3	210	2·6	170	4·6	145	6·9	155	7·9	165	7·9	9·3	23
230	16·1	230	15·7	230	15·7	235	16·4	235	14·8	235	13·1	230	12·8	235	13·8	230	9·8	230	13·1	230	13·1	230	14·1	**13·0**	24
250	11·8	250	13·1	250	13·1	240	13·1	235	9·5	210	3·3	185	4·6	175	6·6	220	12·1	235	11·8	240	11·5	230	12·8	10·2	25
345	11·8	345	11·8	335	11·5	330	11·5	325	12·5	315	11·5	315	12·8	320	12·1	320	10·8	320	13·1	310	12·5	325	13·4	10·0	26
290	11·5	300	8·2	280	11·5	285	11·5	290	9·8	290	8·9	290	9·5	285	9·5	285	10·8	280	10·2	275	9·8	260	10·5	10·7	27
335	2·6	10	1·6	10	2·3	30	3·9	25	5·2	20	6·6	15	4·9	10	3·3	20	3·3	30	5·9	25	6·6	25	6·2	4·8	28
—	**9·1**	—	8·8	—	8·9	—	8·8	—	8·1	—	6·8	—	**6·3**	—	6·4	—	6·7	—	7·3	—	7·1	—	7·5	7·5	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°) : Speed in metres per second.

362. Cahirciveen (Valentia Observatory) : H$_a$ (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	30	5·9	40	4·9	40	5·2	45	4·9	50	4·3	30	3·6	25	7·2	40	4·3	30	5·9	40	7·2	40	7·2	30	4·6
2	30	8·2	30	7·9	30	9·2	25	10·5	25	8·2	20	9·8	35	8·5	40	6·9	45	5·2	60	5·9	60	8·2	55	8·2
3	95	3·6	60	2·3	70	4·3	65	4·9	70	5·2	70	3·3	55	2·6	55	3·3	60	6·2	60	7·2	50	7·2	60	5·9
4	65	3·3	70	4·3	20	2·3	345	2·0	5	3·3	10	6·6	40	4·6	70	2·3	70	3·3	55	5·9	60	7·9	50	11·5
5	20	3·3	20	3·3	20	4·6	20	2·6	10	2·0	10	3·3	10	3·6	20	4·9	20	2·3	10	2·6	25	1·6	355	4·3
6	335	3·9	330	4·9	340	5·2	340	4·6	330	4·3	325	4·6	320	4·9	330	4·6	330	5·2	315	4·3	315	3·6	300	5·6
7	280	6·6	270	5·9	270	6·2	270	8·2	270	7·2	265	7·2	265	6·9	270	7·2	295	6·2	305	5·2	315	6·6	300	5·9
8	310	11·5	320	11·5	320	10·2	325	11·8	320	11·1	330	11·8	330	9·8	335	9·5	340	8·9	335	8·2	350	5·2	335	6·2
9	5	6·2	5	7·2	10	4·9	345	3·3	5	5·2	20	5·2	25	5·2	10	3·9	35	3·6	15	3·9	15	5·9	15	4·6
10	355	3·9	—	0·7	—	0·3	—	0·3	—	0·3	—	0·3	—	1·0	—	1·3	—	0·7	—	0·0	350	2·6	330	2·3
11	310	6·6	320	5·9	340	4·6	350	4·6	340	3·9	350	3·3	355	3·0	360	3·3	350	2·6	345	4·3	345	5·9	355	6·2
12	—	0·3	—	1·3	—	1·3	—	0·3	—	0·7	20	1·6	70	2·0	70	1·6	—	0·3	—	0·7	—	1·3	—	0·7
13	—	1·3	180	2·0	185	2·6	195	2·6	190	4·3	190	3·0	190	2·6	215	3·3	200	3·9	220	6·2	225	6·6	225	7·2
14	255	4·6	255	2·6	255	2·3	255	3·3	255	5·9	280	7·2	285	3·9	295	4·6	295	4·6	315	4·6	320	3·9	315	5·2
15	—	0·7	350	2·0	350	2·3	350	1·6	—	1·3	355	2·0	35	2·0	—	0·7	—	0·0	50	2·0	—	1·3	—	1·0
16	—	0·7	—	1·3	—	1·0	—	1·3	170	3·9	170	2·6	170	2·6	170	3·0	170	3·3	170	3·0	170	3·0	195	2·6
17	—	0·7	—	0·7	—	1·0	—	0·7	—	1·3	—	1·0	—	0·0	—	0·0	—	1·0	—	1·0	—	0·3	—	0·0
18	—	0·3	—	0·0	—	0·0	—	0·3	—	0·7	—	0·3	—	0·3	—	0·3	—	1·0	—	0·3	—	0·0	—	0·3
19	—	0·0	—	0·0	—	0·7	—	0·7	—	1·0	—	0·7	345	1·6	—	1·0	—	0·3	—	0·0	—	0·3	—	1·3
20	—	1·0	—	1·3	—	1·3	—	1·0	—	0·3	—	1·3	300	3·3	275	4·3	300	6·9	350	9·2	350	9·2	355	8·5
21	345	5·9	325	5·6	320	7·2	340	5·9	345	7·2	10	6·2	20	6·2	5	4·9	350	6·2	10	8·2	20	9·5	15	8·5
22	55	3·0	—	1·0	—	1·3	85	2·0	90	3·3	—	1·3	—	1·3	—	1·0	—	1·0	20	3·3	10	3·3	15	4·6
23	—	0·7	—	1·3	—	0·7	—	1·3	—	1·0	—	1·0	—	1·0	300	2·6	295	3·0	330	3·0	310	5·6	305	5·2
24	315	3·9	310	5·9	290	8·9	290	10·5	295	9·5	295	7·2	350	8·9	330	8·5	340	8·5	335	9·8	340	10·5	335	9·2
25	10	6·9	5	6·9	5	8·5	355	8·5	355	7·9	5	8·2	10	8·9	10	9·5	10	10·2	15	9·8	15	10·8	5	11·5
26	30	5·9	45	3·6	35	3·3	40	3·3	35	5·2	25	5·6	30	4·9	40	4·9	35	4·6	45	6·9	20	6·6	20	6·6
27	—	1·0	65	2·6	—	1·3	—	0·7	—	0·0	—	0·3	—	0·3	—	0·7	—	1·3	50	3·6	30	4·6	25	4·3
28	5	5·9	10	5·6	40	3·6	40	2·3	35	2·6	10	5·9	15	3·0	20	3·6	40	3·9	25	3·9	25	5·9	25	6·6
29	—	0·3	—	0·3	—	1·0	—	1·0	—	1·3	—	1·0	—	1·0	—	1·0	—	0·0	—	0·0	320	2·6	270	3·3
30	215	4·3	215	4·6	235	4·9	235	5·6	230	3·9	220	6·2	210	5·9	215	5·6	210	6·9	215	6·9	215	7·9	215	8·5
31	185	7·2	180	7·9	180	7·5	180	8·5	195	7·9	230	5·9	225	5·2	230	5·6	245	8·9	245	9·2	265	9·2	285	8·2
Mean ...	—	3·8	—	**3·7**	—	3·8	—	3·8	—	4·0	—	4·1	—	3·9	—	3·8	—	4·1	—	4·7	—	5·3	—	5·4

363. Cahirciveen (Valentia Observatory) : H$_a$ = 12 metres + 14 metres.

Day	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	1·3	—	0·3	—	0·3	—	1·0	—	0·7	—	0·7	—	1·3	—	1·0	—	0·0	—	0·3	260	1·6	230	2·6
2	225	4·6	235	5·9	235	5·2	230	5·2	235	5·2	235	3·9	230	3·9	230	5·6	240	6·6	260	5·2	280	6·6	305	7·2
3	—	0·0	—	0·0	—	0·3	—	1·0	—	1·3	—	1·3	35	1·6	—	0·3	—	0·0	135	2·0	165	3·3	170	4·6
4	170	9·5	170	9·5	170	11·1	170	11·1	170	11·8	175	11·1	170	10·5	170	11·8	170	12·5	175	9·5	220	3·0	195	3·3
5	180	8·2	190	5·2	180	5·2	185	4·3	180	4·9	175	4·9	160	5·2	170	5·6	170	5·6	160	5·6	165	6·2	170	7·9
6	85	3·9	80	3·9	90	4·6	90	2·3	—	1·0	90	3·6	85	3·9	80	3·6	175	3·3	55	2·3	65	4·3	35	4·3
7	—	1·3	345	1·6	—	1·0	—	0·7	—	1·3	—	1·0	—	0·3	—	0·0	—	0·0	—	1·3	305	2·0	270	3·0
8	—	0·7	30	1·6	—	0·3	—	1·0	—	1·0	115	3·3	140	5·6	130	3·9	150	7·9	160	8·9	165	9·5	160	10·2
9	180	1·6	200	2·3	—	0·0	—	1·0	205	2·0	100	1·3	90	2·3	—	0·7	—	0·7	—	0·7	90	2·0	260	3·9
10	290	4·9	290	4·6	315	1·6	310	2·3	—	1·3	300	2·0	300	2·0	300	2·3	295	4·9	310	4·6	300	5·2	310	5·6
11	115	1·6	145	3·6	150	4·9	155	4·9	155	5·9	150	6·9	150	7·9	150	9·5	150	10·2	150	10·8	150	11·8	150	10·5
12	340	3·6	310	7·5	320	7·9	330	7·5	340	6·2	330	4·9	330	3·0	330	2·3	305	2·3	275	3·9	255	3·6	220	3·9
13	225	9·2	225	8·5	240	11·8	250	8·2	255	10·5	275	11·1	270	11·1	270	10·5	270	12·8	270	11·1	270	11·5	275	12·5
14	225	2·3	205	3·3	190	3·0	175	4·6	160	6·2	160	8·5	170	6·2	210	5·9	230	8·9	230	10·5	230	11·1	225	8·5
15	250	14·1	255	14·8	250	13·8	255	12·8	260	12·8	260	13·1	255	14·1	245	15·4	245	14·1	240	14·4	240	14·8	255	14·1
16	270	15·7	275	14·1	270	13·8	280	14·8	280	12·8	285	12·1	285	12·1	280	12·1	285	11·8	280	10·8	290	11·1	290	10·8
17	—	1·0	—	1·3	235	1·6	—	1·0	—	1·0	190	3·0	190	2·3	175	4·9	170	6·9	165	8·2	165	6·6	165	6·9
18	185	5·2	185	4·6	195	5·9	210	7·2	325	9·2	350	9·8	355	7·2	350	9·2	355	7·5	350	9·5	350	9·5	350	9·8
19	5	13·4	10	12·5	20	9·8	25	11·8	20	13·1	20	13·4	25	10·2	35	8·5	35	7·2	30	8·2	35	9·2	45	10·8
20	60	3·0	60	2·6	55	4·3	55	2·3	55	3·9	55	3·3	50	2·3	15	2·6	30	2·0	50	3·6	30	5·9	15	5·9
21	—	1·3	—	1·3	75	1·6	—	0·3	—	0·3	120	3·3	145	4·6	175	3·0	180	4·3	170	4·3	170	5·2	175	4·6
22	210	3·6	215	3·0	215	3·0	215	3·3	200	3·3	190	3·9	185	4·6	180	5·9	170	6·9	190	6·9	190	9·2	200	9·5
23	280	10·8	280	8·2	290	10·5	275	9·5	265	8·2	265	9·8	250	10·5	250	9·8	260	11·5	250	11·1	260	10·8	255	9·5
24	285	9·8	290	10·5	285	11·1	300	10·5	300	8·9	310	8·2	290	8·2	290	8·5	295	8·9	280	8·2	290	10·5	300	9·5
25	255	2·0	—	1·0	—	0·3	—	0·0	—	1·0	245	1·6	—	0·0	—	0·0	—	0·0	—	0·3	290	3·9	315	5·2
26	350	5·9	360	3·9	350	4·6	350	5·2	350	6·2	350	7·2	350	5·6	335	6·9	335	6·9	340	6·6	330	7·9	325	7·2
27	—	0·0	325	3·0	190	3·3	180	2·6	190	2·0	255	7·2	270	7·9	285	10·2	290	7·9	295	7·2	330	8·2	325	6·2
28	20	3·3	45	3·0	60	5·9	60	6·2	40	5·9	40	5·9	60	6·2	45	8·9	50	8·2	50	5·2	65	6·6	15	5·6
29	45	2·6	45	2·3	70	1·6	60	2·6	70	2·0	70	4·6	60	4·6	50	6·6	65	4·6	30	2·6	30	3·6	20	3·9
30	—	1·0	250	3·0	265	6·2	270	4·6	250	3·9	210	3·6	220	5·9	30	3·3	80	3·3	55	4·9	70	4·9	50	3·6
Mean ...	—	**4·8**	—	4·9	—	5·1	—	5·0	—	5·1	—	5·8	—	5·7	—	6·0	—	6·3	—	6·3	—	7·0	—	7·0
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 12 metres + 14 metres.

March, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
25	5·2	20	6·2	15	9·5	15	6·2	15	6·6	25	8·5	25	9·2	25	9·2	25	8·5	25	8·2	30	8·5	30	9·5	6·6	1
55	9·5	55	9·5	55	9·5	50	7·2	45	7·9	60	8·2	55	7·5	55	5·6	55	7·2	60	7·9	65	7·9	65	8·5	8·1	2
55	6·2	45	6·9	35	6·6	35	6·6	35	6·6	35	6·6	30	7·2	35	6·6	70	2·3	90	3·3	60	3·9	60	4·9	5·2	3
55	8·2	40	7·9	20	5·6	25	5·6	30	5·9	50	4·6	—	0·3	—	1·0	—	1·3	30	3·0	30	2·6	15	3·9	4·5	4
350	5·2	350	4·9	350	4·6	340	6·2	340	5·2	340	4·9	335	5·6	330	3·9	330	5·2	340	5·6	340	4·3	335	4·6	4·1	5
295	4·9	280	7·2	290	7·2	290	9·2	290	6·9	290	5·2	300	4·9	300	5·9	300	7·2	295	9·8	285	9·2	285	8·2	5·8	6
290	8·2	285	10·8	280	9·5	295	7·9	295	9·8	295	7·9	295	8·9	295	9·8	295	8·9	300	9·2	300	9·2	300	9·8	7·9	7
330	8·5	330	6·6	360	8·5	10	5·9	345	7·2	340	4·9	355	3·3	355	3·3	350	6·2	340	7·2	5	6·6	5	3·9	7·9	8
25	4·3	345	6·6	340	5·6	325	5·6	335	5·6	355	5·9	15	3·9	25	3·3	15	3·9	30	2·6	—	0·7	340	1·6	4·6	9
—	1·3	285	2·6	295	3·6	275	4·9	275	3·9	285	5·2	290	5·6	285	6·9	285	8·2	285	8·2	300	6·9	305	6·6	3·1	10
340	6·2	350	7·2	350	7·2	335	8·5	355	6·6	10	5·6	10	3·9	355	3·6	5	3·9	360	3·0	—	1·0	—	0·7	4·8	11
—	1·0	345	2·3	265	3·6	265	3·9	265	3·3	230	2·3	205	2·0	200	2·3	205	2·3	205	2·3	185	4·3	180	3·3	1·8	12
230	8·5	230	7·9	230	9·2	235	9·5	235	9·8	235	9·2	235	9·8	235	10·2	235	9·2	240	9·5	250	7·2	255	4·6	6·2	13
325	4·6	310	4·3	295	3·9	300	4·3	295	3·9	315	3·3	315	3·9	320	2·6	320	2·0	320	1·6	340	3·6	350	2·6	3·9	14
—	1·3	170	2·0	240	3·6	245	2·6	245	2·6	245	3·3	—	1·0	215	2·0	—	1·3	—	1·3	—	0·7	—	0·3	1·7	15
200	2·3	195	3·0	195	2·6	205	2·3	215	2·3	—	1·0	—	0·7	—	0·3	—	1·0	195	1·6	—	0·3	—	0·3	1·9	16
—	0·7	90	1·6	—	0·7	—	0·0	—	0·3	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	1·0	—	0·7	**0·5**	17
—	0·7	—	1·3	285	2·0	310	2·6	315	2·0	—	1·0	—	0·7	—	0·7	—	1·0	—	0·7	—	0·3	—	0·3	0·7	18
320	1·6	305	2·0	315	4·9	320	4·3	320	3·6	320	3·3	320	2·0	—	0·3	—	0·3	—	0·3	—	0·3	—	1·3	1·3	19
350	8·9	350	9·5	335	9·8	345	10·2	330	9·8	335	9·2	335	7·5	325	7·2	315	7·5	340	7·9	330	4·3	345	6·9	5·9	20
10	8·2	10	9·8	5	9·5	360	9·5	340	10·5	340	9·5	10	7·9	345	8·5	15	7·2	15	6·6	25	7·2	55	2·6	7·5	21
20	5·9	20	4·9	15	4·3	360	4·6	355	4·3	5	3·6	5	3·6	360	1·6	—	0·7	—	0·3	—	1·0	35	1·6	2·6	22
285	6·6	285	6·2	290	6·6	300	7·2	310	7·5	315	7·9	315	5·9	325	6·9	340	5·6	350	4·3	350	3·0	340	3·0	4·0	23
330	9·8	335	11·1	330	11·1	335	12·1	335	10·5	345	9·8	355	9·8	350	9·2	5	9·2	360	7·9	10	6·9	10	8·2	8·9	24
360	11·1	345	10·5	350	12·8	360	12·5	360	10·8	360	12·1	5	10·8	5	9·2	360	10·8	10	8·2	15	5·6	10	6·9	**9·6**	25
15	5·6	20	3·9	15	4·3	10	3·3	20	3·3	15	3·6	10	3·6	—	1·3	—	0·7	—	0·0	—	0·3	—	0·3	4·0	26
25	4·9	10	4·9	5	3·9	15	5·6	25	5·2	5	5·9	360	4·3	360	3·6	10	2·3	5	3·0	5	2·3	5	3·0	2·8	27
20	6·9	20	6·2	10	5·6	10	5 9	5	6·2	5	6·6	5	4·6	5	2·6	50	1·6	60	1·6	50	1·6	—	1·3	4·3	28
265	3·3	255	3·9	250	4·9	250	4·3	250	4·9	250	4·6	250	5·9	245	5·2	240	3·6	240	3·9	235	4·3	230	3·3	2·7	29
215	8·9	215	8·5	215	8·9	215	8·5	205	7·2	195	7·5	185	6·2	190	6·9	190	6·9	190	6·6	190	7·2	185	6·9	6·7	30
315	8·9	330	10·2	335	10·5	340	10·5	355	9·2	5	8·5	5	8·9	360	8·9	5	7·5	5	7·2	10	4·3	25	3·9	8·0	31
—	5·7	—	6·1	—	**6·5**	—	6·4	—	6·1	—	5·8	—	5·1	—	4·8	—	4·6	—	4·6	—	4·1	—	4·0	4·8	

April, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
215	3·6	210	4·6	215	4·9	215	4·9	230	5·9	230	5·6	210	3·6	215	5·2	225	6·2	225	5·9	220	5·6	220	4·9	3·0	1
310	8·2	300	8·2	330	8·9	335	8·5	335	9·2	340	6·6	350	5·2	350	5·6	360	4·6	45	3·9	55	2·3	40	2·3	5·8	2
170	5·9	170	5·9	170	6·9	175	6·9	175	8·2	170	7·2	170	6·9	175	6·9	165	8·2	170	7·5	170	9·5	175	9·2	4·2	3
195	3·9	195	4·6	205	5·6	205	5·9	195	5·6	190	5·6	180	4·9	175	5·2	175	5·2	175	6·9	175	7·5	175	7·2	7·7	4
160	7·9	160	7·2	160	6·6	140	6·2	150	6·6	140	6·2	115	5·2	100	5·6	90	4·6	95	4·6	90	3·9	90	4·6	5·8	5
360	6·6	10	4·6	100	3·0	185	2·3	315	3·9	340	4·9	340	3·6	—	0·0	—	0·3	—	0·3	—	0·0	—	0·3	3·0	6
265	3·6	265	3·3	265	3·9	285	3·9	295	3·3	295	3·9	305	2·3	—	1·0	—	0·0	—	0·0	—	1·3	—	1·0	**1·7**	7
155	9·8	155	9·2	165	8·5	165	9·8	160	10·2	160	9·5	155	10·2	150	10·2	150	11·5	150	11·1	155	9·5	175	5·2	6·9	8
240	3·9	245	6·2	250	5·2	255	5·6	275	7·2	280	6·9	285	6·6	285	5·6	280	5·9	285	5·6	295	4·6	285	3·0	3·6	9
310	4·9	300	5·6	290	4·6	290	3·9	280	4·3	285	3·3	280	1·6	—	0·7	—	0·7	25	1·6	—	1·3	25	1·6	3·2	10
150	12·5	155	10·8	155	12·5	155	11·8	160	8·5	170	6·6	180	5·2	—	0·7	315	5·6	325	4·9	345	5·2	360	2·6	7·3	11
180	5·9	175	5·6	175	7·5	175	6·6	175	7·9	175	6·9	185	4·3	180	3·9	180	4·9	205	6·2	200	5·2	215	8·5	5·3	12
265	1·1	275	10·5	260	10·5	280	8·9	285	9·5	280	7·9	285	7·2	265	6·6	260	6·9	240	6·9	250	4·6	250	3·6	9·4	12
225	8·5	225	9·8	230	10·2	225	10·2	225	11·1	225	9·5	225	9·5	225	10·8	230	14·8	235	15·1	250	13·8	250	14·4	8·8	14
250	14·8	255	16·1	270	16·1	270	13·8	270	15·4	260	15·4	260	16·4	265	15·7	280	15·4	275	14·1	275	16·1	280	16·4	**14·7**	15
285	9·8	285	9·8	290	8·5	290	8·5	295	8·2	305	5·9	290	5·2	295	5·6	290	4·9	290	3·6	270	3·6	270	2·0	9·8	16
165	7·5	170	5·2	170	5·2	175	5·2	175	4·6	175	4·6	175	4·9	185	4·3	190	5·6	190	3·9	190	5·2	185	4·6	4·3	17
350	10·2	345	12·1	345	12·1	355	10·2	360	11·1	5	10·8	10	10·8	15	11·1	10	10·2	5	10·5	5	12·5	5	13·8	9·4	18
45	8·9	50	11·8	50	7·9	45	5·6	50	6·6	60	9·8	60	7·9	50	6·6	60	6·9	65	8·2	65	6·9	55	7·2	9·4	19
20	4·6	20	5·2	10	4·3	20	4·3	15	4·6	10	3·6	20	3·0	50	2·3	—	0·3	—	0·0	—	0·3	—	0·3	3·2	20
200	4·9	180	5·2	180	5·6	185	4·9	185	4·6	175	5·2	175	5·2	180	4·6	185	4·3	200	3·6	200	2·3	200	3·0	3·6	21
200	10·2	200	10·5	200	10·2	200	9·8	205	9·8	225	12·1	270	9·8	270	8·9	275	8·9	275	9·5	285	11·1	275	9·5	7·5	22
265	11·1	275	10·5	275	12·1	275	12·1	275	10·2	270	11·5	275	9·5	275	11·5	285	12·1	290	10·2	290	8·5	300	8·2	10·3	23
305	8·9	305	8·9	300	7·2	285	6·2	285	6·2	285	6·2	285	4·6	295	4·6	285	4·3	275	4·3	265	4·3	265	1·6	7·6	24
320	6·2	315	6·2	330	7·2	330	7·2	340	7·5	340	8·5	350	8·2	345	7·2	340	9·5	345	6·9	355	7·2	345	5·2	4·2	25
325	6·9	335	7·9	310	7·5	325	7·5	315	7·9	315	7·5	320	5·9	325	5·2	325	3·9	325	2·0	—	1·3	—	0·3	5·8	26
325	7·9	310	8·2	325	7·2	315	6·9	320	6·6	320	6·6	320	6·6	325	4·6	335	3·9	335	3·3	345	3·6	5	3·3	5·5	27
5	7·2	5	7·2	355	6·2	10	6·6	5	6·2	10	5·9	15	4·6	15	4·3	15	4·6	35	3·0	50	2·6	60	2·3	5·5	28
360	3·9	310	4·9	320	7·5	330	7·9	335	5·8	335	5·2	330	5·2	335	4·6	330	4·3	340	3·0	345	1·6	310	2·0	4·1	29
10	5·9	30	8·5	35	6·6	20	5·9	25	5·2	360	8·5	360	7·9	5	6·6	360	5·9	355	5·2	355	4·3	355	5·2	5·1	30
—	7·5	—	**7·8**	—	7·7	—	7·3	—	7·4	—	7·3	—	6·4	—	5·9	—	6·1	—	5·7	—	5·5	—	5·1	6·2	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North ($E = 90°, S = 180°, W = 270°, N = 360°$) : *Speed in metres per second.*

364. Cahirciveen (Valentia Observatory) : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	355	3·9	355	3·9	355	3·3	350	3·3	335	4·3	335	3·0	340	4·3	360	3·6	330	3·3	310	3·9	275	4·6	255	5·6
2	185	2·3	185	2·3	185	2·3	185	2·6	185	2·6	185	2·6	185	2·6	185	3·3	195	4·6	170	4·9	170	5·9	170	7·2
3	100	5·9	120	4·9	125	8·9	130	7·9	135	8·2	140	7·5	155	5·6	175	4·9	175	5·9	170	5·9	170	6·6	175	4·9
4	210	3·0	230	4·6	245	3·9	255	4·9	255	5·6	245	2·3	205	3·6	225	5·9	225	6·9	225	6·9	200	4·9	220	5·9
5	—	1·0	—	1·3	120	2·3	165	3·3	160	4·9	130	5·9	140	5·6	210	6·6	210	5·2	210	3·3	—	1·3	305	4·3
6	5	3·9	20	2·3	—	0·3	—	1·0	20	2·0	40	1·6	55	2·6	25	6·6	25	6·9	20	6·9	10	6·2	350	6·6
7	10	6·9	25	6·2	25	5·9	360	4·6	10	4·9	15	5·2	15	5·6	15	4·6	20	5·2	20	5·2	15	5·6	360	5·6
8	10	3·9	10	3·3	360	2·6	360	3·3	345	3·6	350	5·6	360	4·3	350	6·9	345	8·2	330	9·2	335	8·5	330	10·2
9	340	10·2	350	9·8	360	7·5	350	7·9	355	7·9	340	7·2	335	8·2	330	8·2	325	7·9	330	9·2	315	9·2	315	8·5
10	330	6·9	320	7·2	325	7·5	340	6·6	335	6·6	340	5·9	350	5·9	325	6·6	330	5·6	325	6·2	295	5·2	290	4·3
11	190	5·6	195	6·6	195	6·6	200	6·9	200	7·2	220	8·2	275	6·9	290	7·2	280	8·2	260	6·9	255	8·5	245	7·2
12	180	3·9	175	5·2	165	5·9	155	8·2	160	9·5	170	8·2	175	7·9	180	8·5	180	7·9	190	7·9	190	7·5	190	6·2
13	40	2·0	65	1·6	—	1·0	—	0·7	—	0·7	—	0·0	—	0·0	—	0·0	—	0·0	—	0·7	—	1·0	170	2·0
14	—	0·7	—	0·7	—	1·3	—	0·7	—	0·3	—	0·0	—	0·0	—	0·0	—	0·7	150	2·3	160	3·0	165	3·0
15	170	4·6	170	5·6	165	6·6	165	5·9	165	7·2	160	7·9	165	7·9	165	8·2	165	8·9	165	9·2	165	8·9	165	7·9
16	220	3·3	215	3·3	200	2·6	195	3·0	175	2·6	175	3·0	210	2·3	230	2·3	195	2·6	175	3·6	160	2·3	140	2·6
17	205	2·3	195	3·3	185	4·3	185	4·3	175	3·3	170	3·0	170	2·6	170	3·0	180	4·6	185	4·3	175	4·9	170	5·9
18	145	3·0	125	2·3	70	2·0	70	2·3	70	3·0	70	2·6	70	1·6	70	2·0	—	0·7	—	1·3	315	2·3	270	4·6
19	—	0·7	—	1·0	—	0·3	—	0·7	—	1·3	10	3·0	5	3·0	340	5·2	340	6·6	330	5·9	325	6·2	325	5·6
20	—	1·3	—	0·7	—	1·0	—	0·7	—	0·3	—	0·7	—	0·7	—	0·3	—	1·3	270	2·0	260	2·0	250	2·3
21	185	2·6	—	1·3	185	4·6	140	3·9	155	4·3	120	5·9	100	5·9	110	4·3	130	3·9	150	4·6	145	4·6	160	3·6
22	150	3·0	—	0·7	—	0·7	160	4·3	170	4·6	165	4·9	150	4·3	140	4·9	125	4·6	105	4·9	100	4·6	125	5·6
23	75	4·3	80	4·9	85	4·3	90	3·0	—	1·3	60	2·3	75	2·6	80	3·3	95	3·0	70	3·9	80	3·6	80	3·6
24	60	3·0	85	3·9	80	4·3	80	4·3	55	3·6	45	3·9	65	3·9	70	4·6	80	3·9	80	4·9	95	4·3	85	5·6
25	—	1·0	—	0·7	—	0·3	—	0·3	360	2·3	—	0·3	335	2·0	330	4·3	320	4·3	320	5·9	325	5·9	335	6·9
26	305	2·6	280	3·3	295	3·6	295	1·6	—	1·3	205	2·3	200	3·3	195	3·6	180	4·6	170	7·9	170	7·9	165	8·5
27	190	6·6	200	7·2	220	8·5	230	7·5	230	9·5	245	9·8	240	9·5	235	10·2	235	9·2	220	6·9	210	6·6	210	6·9
28	250	11·1	245	11·8	240	10·8	240	12·1	235	12·5	240	11·5	250	11·5	250	9·8	250	8·9	240	10·2	235	10·5	235	11·1
29	250	12·5	260	10·5	250	10·2	240	10·2	245	9·5	240	7·2	230	5·9	225	5·2	190	4·3	170	6·6	170	7·9	180	7·5
30	235	10·2	225	9·2	220	8·5	230	10·2	220	7·5	230	9·2	225	10·2	225	10·5	230	10·5	230	12·1	235	14·1	230	12·8
31	235	8·2	235	8·9	235	8·5	235	8·5	230	6·9	235	8·2	230	7·5	230	7·2	235	8·2	230	9·2	230	9·5	230	10·5
Mean ...	—	4·5	—	4·5	—	4·5	—	4·7	—	4·8	—	4·8	—	4·8	—	5·2	—	5·4	—	5·9	—	5·9	—	6·2

365. Cahirciveen (Valentia Observatory) : H_a = 12 metres + 14 metres.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	235	3·9	235	4·9	230	3·9	235	5·9	245	5·6	245	6·9	250	5·2	240	7·9	245	7·9	240	7·9	245	7·9	240	8·5
2	295	3·9	300	3·9	290	3·9	280	4·9	270	3·9	295	4·3	275	4·6	305	2·6	290	4·9	270	3·9	265	4·9	250	4·9
3	195	3·3	185	4·6	195	4·3	185	4·6	170	6·2	170	5·2	170	6·6	170	6·9	170	7·2	170	8·5	175	6·6	175	6·9
4	180	4·9	170	6·2	170	6·9	170	7·2	170	6·6	170	6·9	165	6·6	170	6·9	165	9·2	170	8·9	170	9·5	170	8·9
5	180	4·6	170	4·6	170	4·3	170	6·6	165	5·2	170	5·6	170	5·6	175	4·6	175	5·9	170	5·9	170	3·9	170	2·0
6	—	0·0	—	0·3	—	0·3	—	0·0	—	0·3	—	0·7	—	0·0	—	0·7	—	0·0	—	1·3	—	1·3	275	2·6
7	130	2·3	—	1·0	—	1·0	—	0·3	—	0·7	—	0·0	135	2·3	160	3·0	170	3·0	180	3·3	180	3·3	170	5·2
8	—	0·7	—	0·7	—	1·0	—	1·0	—	0·3	—	0·7	—	0·0	—	0·0	—	0·0	—	1·0	—	1·3	80	2·3
9	—	0·0	—	1·0	—	1·3	—	0·0	110	1·6	105	3·6	175	2·0	175	2·0	180	4·6	175	5·2	170	5·9	175	6·6
10	—	0·7	—	1·0	—	1·3	—	1·0	—	1·3	—	1·0	—	0·0	—	0·7	—	1·3	280	2·0	280	1·6	280	1·6
11	—	0·7	—	0·7	—	0·7	—	0·3	—	0·3	—	0·0	—	0·0	—	0·3	—	0·3	—	1·0	280	2·0	—	1·3
12	—	0·3	—	1·0	—	1·0	—	1·3	—	0·7	—	0·3	—	1·0	—	0·3	280	1·6	285	3·0	290	3·3	285	3·3
13	—	1·3	355	1·6	—	1·3	—	0·7	—	0·3	—	0·3	350	3·3	350	3·3	350	3·6	330	5·2	325	5·9	325	7·5
14	335	4·6	340	3·3	340	4·3	340	4·6	345	4·3	345	3·6	345	4·3	345	4·3	345	4·6	345	3·9	325	5·9	325	6·2
15	315	2·6	315	3·0	315	2·0	315	3·3	315	2·0	315	4·6	320	3·9	320	2·6	320	3·6	335	3·3	320	3·3	310	3·3
16	315	3·9	315	2·6	315	3·0	320	4·6	325	4·6	320	4·3	315	5·2	315	5·2	310	4·3	305	6·2	310	5·6	310	5·9
17	325	3·3	325	3·6	325	4·6	325	4·6	325	5·2	325	5·2	330	5·6	335	5·6	335	6·2	335	6·2	335	5·2	335	5·6
18	360	5·6	360	4·9	360	4·6	360	5·6	5	5·6	5	6·6	15	4·9	20	5·6	10	5·9	10	6·6	5	4·6	360	5·2
19	15	3·6	15	3·0	20	2·6	15	3·0	—	0·3	—	1·3	—	0·7	—	1·3	350	3·0	345	3·6	345	5·2	315	7·5
20	360	3·0	360	2·3	360	4·6	5	3·3	5	3·9	360	3·3	330	4·6	330	5·9	330	5·2	330	6·2	320	6·6	315	5·9
21	320	4·9	320	3·6	320	4·9	320	4·3	320	5·2	325	5·9	335	7·5	335	7·5	340	6·2	345	5·6	340	6·9	335	8·2
22	40	3·6	55	3·6	60	4·9	65	3·0	20	2·6	—	0·3	20	2·3	10	3·9	20	3·6	5	2·3	5	4·6	20	3·9
23	60	1·6	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	60	5·2	40	3·3	360	6·6	360	5·6	360	7·9
24	—	1·3	30	3·9	60	2·6	—	1·0	—	1·0	—	0·7	—	0·0	—	1·0	350	5·9	360	5·6	360	6·2	360	6·2
25	5	3·0	10	3·3	10	5·6	360	4·6	360	5·9	360	3·3	340	5·2	10	5·9	10	5·9	10	6·2	355	5·9	355	6·6
26	15	6·6	15	5·9	10	4·3	35	4·9	20	3·9	10	5·2	15	5·2	5	6·6	10	4·6	360	4·9	355	5·9	355	6·9
27	350	5·9	350	2·6	340	4·3	360	4·3	10	4·6	10	3·0	5	2·6	10	3·0	55	4·6	30	3·9	20	3·0	15	3·9
28	—	0·3	—	0·0	—	1·0	—	0·7	—	0·0	—	0·0	—	1·0	—	1·3	305	2·0	295	3·3	290	2·3	285	2·3
29	185	3·3	185	4·3	180	3·9	180	4·6	180	3·9	185	4·3	180	4·3	180	5·2	175	6·2	175	5·6	175	6·6	175	7·2
30	225	2·0	—	1·3	—	0·0	—	0·0	—	0·3	—	1·3	—	0·7	—	0·3	—	0·3	—	1·3	230	2·6	230	3·9
Mean ...	—	2·9	—	2·8	—	2·9	—	3·0	—	2·9	—	2·9	—	3·2	—	3·7	—	4·2	—	4·6	—	4·8	—	5·3
G.M.T. ...	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes centered at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 12 metres + 14 metres.

May, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
255	3·9	255	4·3	255	5·2	255	5·2	250	5·6	255	4·3	250	4·6	250	3·9	245	2·6	255	3·0	255	3·0	215	1·6	4·0	1
170	7·2	170	7·2	170	6·2	170	6·9	170	6·9	170	6·6	160	5·6	155	5·2	150	5·2	130	5·9	125	6·6	105	5·6	4·8	2
180	3·9	200	3·9	220	4·9	245	6·2	255	5·2	255	3·6	240	2·6	210	2·6	195	3·3	230	3·9	240	2·3	205	3·3	5·2	3
195	5·2	200	5·6	205	4·6	230	7·5	235	7·5	235	5·6	240	4·3	245	4·3	190	2·0	70	1·6	185	2·0	—	1·0	4·6	4
350	8·9	355	11·8	355	10·5	355	9·2	340	9·5	340	9·8	340	10·2	340	8·9	350	7·9	340	6·6	330	6·2	350	3·6	6·1	5
345	7·5	350	8·5	15	7·9	15	4·6	355	6·2	345	8·2	350	9·2	360	9·5	360	10·2	5	9·5	10	6·2	15	5·2	5·8	6
350	4·6	360	3·9	10	4·3	15	4·6	355	5·2	50	7·2	25	3·9	10	2·6	350	3·6	330	3·3	360	6·9	5	5·6	5·0	7
330	9·5	330	9·2	320	7·9	300	8·5	290	7·5	280	8·2	270	8·9	275	9·8	275	6·6	285	10·2	300	8·9	335	10·2	7·2	8
315	11·5	315	10·2	310	10·2	315	9·8	315	9·8	315	9·8	315	9·8	315	9·8	315	9·2	320	8·2	325	8·9	320	7·5	9·1	9
280	4·3	270	5·2	260	5·2	255	5·6	250	4·9	235	5·2	205	4·3	190	3·6	180	5·2	180	5·6	185	6·6	185	6·6	5·7	10
235	8·9	240	8·9	235	8·2	240	7·9	240	6·9	240	7·2	240	5·6	240	4·6	240	3·9	235	2·6	210	3·0	185	3·9	6·6	11
195	6·6	210	5·6	265	5·2	320	5·2	325	6·6	325	6·9	330	5·6	335	5·2	335	4·6	340	2·3	—	0·7	—	0·7	6·0	12
200	1·6	175	2·0	175	2·3	160	2·3	—	1·3	—	0·3	—	0·7	—	0·0	200	1·6	195	1·6	—	0·7	140	2·0	1·1	13
170	2·3	170	3·9	175	4·6	175	5·2	170	7·2	155	5·6	165	4·9	170	6·2	170	4·3	175	4·3	175	3·9	175	3·9	2·8	14
165	8·9	170	6·2	170	6·6	170	6·9	170	6·6	185	5·2	190	3·3	190	3·9	185	4·3	185	5·9	185	5·6	215	4·3	6·5	15
150	1·6	155	2·0	210	2·6	240	3·3	250	3·9	250	3·9	250	3·9	245	2·6	225	3·3	190	2·6	190	3·3	190	3·0	2·9	16
170	5·6	175	5·2	170	5·6	170	6·2	170	4·9	170	5·2	170	5·2	170	3·3	170	3·3	165	3·6	150	3·0	150	3·3	4·2	17
265	4·3	265	5·2	270	5·2	290	4·9	305	5·2	325	6·6	330	5·9	10	4·6	45	2·6	—	1·3	—	1·3	—	0·7	3·2	18
310	6·6	295	7·2	290	5·9	290	5·9	280	5·6	275	4·9	285	3·9	280	3·3	280	3·0	280	2·6	280	2·3	280	2·0	3·8	19
260	4·3	260	3·9	260	3·9	260	3·9	260	3·6	260	2·6	260	1·6	260	2·3	—	1·3	185	1·6	185	1·6	185	2·3	1·9	20
155	4·6	125	3·6	85	3·9	85	5·9	140	5·6	175	6·2	175	6·2	175	3·9	210	3·9	215	2·6	175	3·3	165	3·0	4·2	21
140	5·9	135	6·6	110	6·2	100	6·6	100	4·3	95	4·6	85	4·9	100	3·6	85	4·9	80	6·9	85	5·6	90	4·9	4·6	22
95	3·9	95	3·9	100	4·3	85	3·6	85	3·9	100	4·6	95	5·6	100	5·9	90	3·9	80	3·6	90	5·2	85	6·2	3·9	23
80	5·6	95	4·9	85	4·6	90	5·2	90	4·9	70	2·0	80	2·6	100	1·6	—	0·3	—	0·7	40	2·0	—	1·3	3·7	24
360	3·9	20	4·6	20	3·9	340	6·2	330	7·9	330	7·2	325	5·6	325	4·3	325	4·3	325	2·3	315	3·3	300	3·3	3·7	25
165	10·5	165	7·5	180	5·6	205	4·9	185	4·3	180	4·6	175	5·6	180	6·9	175	6·9	175	8·9	185	7·5	195	6·6	5·4	26
200	7·5	195	6·6	190	6·6	205	8·5	205	8·2	210	8·2	215	9·2	220	9·8	230	12·5	260	14·1	275	12·8	255	10·2	8·8	27
240	12·5	245	11·8	245	12·8	240	12·5	245	12·5	250	13·1	245	13·8	245	14·8	250	13·1	245	13·1	250	12·5	255	10·5	11·9	28
190	7·5	190	6·9	190	6·9	190	5·9	220	10·5	220	9·2	225	9·8	225	9·8	225	9·2	225	8·9	225	10·8	230	10·5	8·5	29
230	13·1	225	13·1	230	12·1	235	11·8	230	12·8	230	11·1	230	9·5	230	9·2	235	9·5	235	8·9	230	8·9	230	8·2	10·6	30
230	10·5	230	9·8	230	9·5	230	9·2	235	9·2	235	8·2	235	6·6	230	7·5	230	6·6	235	6·9	235	5·6	240	6·6	8·3	31
—	6·5	—	6·4	—	6·2	—	6·5	—	6·6	—	6·3	—	5·9	—	5·6	—	5·3	—	5·3	—	5·2	—	4·8	5·5	

June, 1925.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
255	8·5	260	6·6	260	6·9	270	6·6	270	6·6	275	5·9	285	5·2	280	5·9	280	4·9	290	4·9	300	3·9	295	4·9	6·2	1
260	6·2	265	5·2	265	4·9	265	5·2	260	5·6	255	4·6	255	4·3	245	2·6	220	2·3	210	2·6	210	2·6	200	3·0	4·2	2
175	6·6	180	5·9	180	5·9	175	6·6	180	5·6	180	5·2	180	4·9	180	4·3	180	4·6	175	4·6	175	3·9	175	3·9	5·5	3
170	10·2	170	9·8	170	10·2	170	10·5	170	10·2	170	7·9	170	8·2	170	8·5	170	8·2	170	6·6	175	5·2	180	5·2	7·9	4
175	3·0	190	3·0	200	2·6	170	2·0	170	2·0	210	2·0	215	1·6	—	1·0	—	0·0	—	0·3	—	1·0	—	0·3	3·3	5
275	3·3	275	4·6	235	3·6	225	2·6	205	2·6	—	1·3	240	2·0	190	3·3	180	3·9	165	2·6	150	1·6	—	0·7	1·6	6
165	5·9	170	3·9	175	3·6	180	3·9	165	5·6	165	4·9	165	3·0	—	1·3	—	1·3	—	0·0	—	0·7	90	2·0	2·5	7
80	1·6	80	2·0	320	2·0	275	2·0	—	1·0	275	2·0	—	0·0	—	0·3	—	0·0	—	0·3	—	0·3	—	0·0	0·9	8
170	7·2	165	5·6	170	4·6	175	3·6	195	3·0	—	1·3	205	4·3	—	1·0	—	1·3	210	1·6	—	0·3	—	0·3	2·8	9
280	2·3	280	2·6	280	2·3	280	1·6	—	1·0	285	1·6	—	0·7	—	0·0	—	0·3	—	0·3	—	0·3	—	0·7	1·1	10
290	2·0	290	3·0	285	2·3	280	2·6	280	2·3	—	1·0	—	0·3	—	0·3	—	0·0	—	0·3	—	1·0	—	0·7	1·0	11
280	3·3	290	4·6	300	5·2	315	7·2	315	6·9	315	5·6	350	3·3	—	1·3	45	1·6	—	1·0	125	2·0	355	2·3	2·5	12
325	9·8	340	6·6	350	6·9	325	8·5	335	9·2	325	7·2	325	6·6	330	6·6	335	4·9	335	4·9	335	4·6	335	4·9	4·7	13
325	5·9	325	6·9	325	7·5	325	5·9	325	5·9	320	5·2	315	5·2	315	3·6	315	3·0	315	2·0	315	2·3	315	2·6	4·6	14
285	4·3	280	4·3	280	3·9	290	3·9	300	4·6	300	4·3	300	3·9	300	4·3	300	3·9	300	3·9	310	4·6	315	5·2	3·6	15
300	5·2	300	4·6	295	5·6	310	6·2	315	5·6	315	4·3	315	5·6	315	4·9	320	3·6	325	3·3	325	3·0	325	3·3	4·6	16
350	4·9	340	5·2	340	6·2	340	7·5	330	4·9	330	7·2	335	7·5	335	5·6	340	4·6	340	3·3	350	3·9	360	5·6	5·3	17
360	4·9	355	4·9	350	4·3	350	4·6	360	5·2	5	3·6	345	4·9	340	4·6	340	3·9	340	3·9	340	3·3	10	3·0	4·9	18
325	8·5	325	8·9	330	9·2	330	9·2	335	7·2	335	6·9	335	6·9	355	5·2	15	2·0	30	3·9	25	2·0	5	3·0	4·5	19
320	7·5	325	6·9	330	6·6	330	7·2	330	7·5	335	9·2	335	6·9	330	4·9	315	4·3	310	3·9	310	3·9	315	4·6	5·3	20
340	8·2	325	8·2	330	8·9	340	8·2	350	4·6	340	8·2	340	7·2	340	6·2	10	4·6	10	3·6	20	2·0	40	1·6	6·0	21
340	6·6	320	6·6	330	7·5	325	7·2	340	5·6	5	5·6	20	5·2	20	4·3	20	3·9	20	2·6	40	2·3	—	1·3	4·1	22
360	7·9	355	6·2	335	8·2	335	8·2	340	7·2	345	5·9	360	5·2	360	4·9	360	5·2	360	5·6	5	4·3	10	2·6	4·2	23
320	7·2	320	7·2	330	7·9	345	6·9	350	6·9	360	5·2	5	5·9	40	1·6	20	2·6	340	2·6	325	2·6	5	3·6	4·0	24
355	7·2	360	7·9	355	7·9	350	8·5	10	7·2	10	5·9	360	7·5	10	5·2	20	3·9	25	4·9	15	4·9	10	5·9	5·7	25
360	6·2	340	7·2	335	10·5	335	9·2	335	8·5	335	8·5	335	6·6	350	4·9	350	5·9	350	5·6	350	6·9	350	4·3	6·3	26
330	4·9	5	4·6	340	7·2	340	7·5	340	7·5	340	6·6	340	6·2	345	4·3	10	2·0	20	3·0	—	0·7	—	0·3	4·3	27
280	4·6	280	3·9	275	4·6	265	4·6	245	4·9	240	3·9	240	3·6	210	2·3	200	2·6	195	3·0	185	3·3	185	3·6	2·4	28
175	7·2	175	7·5	175	7·9	175	6·9	175	6·6	175	6·2	170	5·2	175	5·6	210	2·6	—	0·7	—	1·0	—	1·3	5·0	29
235	4·3	240	4·6	240	4·3	240	4·3	240	4·9	240	3·9	240	3·9	240	3·3	—	1·3	220	2·0	195	2·3	155	1·6	2·3	30
—	5·8	—	5·6	—	6·0	—	6·0	—	5·5	—	5·0	—	4·7	—	3·7	—	3·1	—	2·9	—	2·7	—	2·7	4·0	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North ($E = 90°, S = 180°, W = 270°, N = 360°$) : Speed in metres per second.

366. Cahirciveen (Valentia Observatory) : H*a* (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	95	1·6	85	1·6	—	1·0	—	0·3	—	0·7	—	1·3	140	3·0	140	3·3	150	3·9	160	3·9	165	5·6	170	4·3
2	—	0·3	—	0·3	—	0·7	—	0·0	—	0·0	—	0·0	—	0·0	—	0·3	—	0·7	330	3·3	325	3·3	325	4·3
3	345	6·9	345	6·6	335	7·2	340	7·5	345	8·9	345	6·9	345	8·9	345	6·9	340	8·5	345	8·2	340	9·2	340	8·2
4	335	4·9	335	4·6	335	5·6	335	4·9	335	5·9	335	5·6	335	5·6	325	5·2	325	4·3	325	5·6	310	5·6	315	5·2
5	—	0·3	—	0·7	—	1·3	—	1·0	—	1·0	—	0·0	—	0·3	355	2·0	330	3·3	320	3·3	310	3·0	280	3·9
6	165	4·3	195	3·6	330	5·2	245	5·9	245	6·6	245	7·5	255	6·9	255	5·6	280	6·2	280	6·2	280	5·6	275	5·2
7	350	4·3	345	3·9	325	6·2	325	4·3	325	4·9	325	4·3	320	3·9	310	5·2	320	5·2	315	5·6	305	5·9	300	5·9
8	—	0·7	25	1·6	—	0·3	—	0·7	20	2·3	20	1·6	10	2·6	350	3·6	340	4·6	330	5·9	325	5·9	310	3·6
9	290	4·6	280	4·3	290	3·6	290	3·0	290	3·3	285	3·9	280	3·0	275	4·9	265	3·6	250	5·2	225	5·2	215	5·2
10	275	7·5	285	9·5	285	7·2	305	5·6	320	4·6	320	5·6	315	7·2	290	8·5	325	5·9	335	4·6	335	5·6	325	3·9
11	310	1·6	—	0·3	—	0·3	—	0·3	—	0·3	—	0·0	—	0·3	—	0·3	—	0·3	300	1·6	290	2·0	280	2·0
12	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·3	—	0·3	—	0·3	—	0·3	—	0·7	270	1·6	270	2·0
13	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·3	—	1·3	—	1·0	235	2·3
14	165	2·6	175	3·3	180	3·9	175	4·9	175	5·2	175	5·9	170	6·6	175	6·6	175	7·2	175	7·2	170	6·9	170	7·9
15	325	3·0	325	4·6	335	3·9	5	3·0	5	3·0	5	3·0	5	2·0	360	3·0	350	5·2	340	5·2	320	4·3	320	4·3
16	—	1·3	195	2·0	185	3·6	185	3·3	185	3·0	185	2·3	180	4·3	170	6·9	165	9·2	165	9·5	165	9·5	165	9·5
17	265	3·6	265	4·3	265	3·3	265	2·6	265	3·0	245	2·3	225	2·3	200	3·3	180	5·9	165	8·2	170	9·2	170	7·5
18	260	15·4	260	14·4	260	16·1	265	14·8	260	16·1	265	16·1	270	14·4	270	14·8	275	15·7	270	16·4	270	15·7	265	15·4
19	275	8·2	270	8·2	260	9·2	270	8·5	270	8·2	265	7·5	260	6·9	260	5·6	260	3·3	—	0·7	—	0·0	—	0·0
20	95	4·9	95	5·6	85	4·9	80	4·3	75	4·3	55	4·3	85	5·9	70	3·9	100	8·2	100	5·2	90	5·6	110	5·6
21	—	1·0	—	1·0	—	0·7	75	2·0	25	2·0	65	2·6	—	1·3	75	3·6	—	1·3	70	1·6	—	1·3	—	1·3
22	—	0·3	—	0·3	—	0·0	—	0·3	—	0·0	—	0·0	—	0·7	25	1·6	35	6·9	35	6·9	20	3·6	30	4·6
23	10	6·9	5	9·5	10	11·1	20	6·6	45	6·6	360	6·6	5	9·8	20	6·2	15	3·0	320	3·9	360	7·5	10	6·6
24	35	5·9	30	2·3	—	0·7	—	1·0	40	2·3	—	1·0	—	1·0	55	2·6	65	3·0	45	3·3	40	2·3	35	2·6
25	—	1·3	300	2·0	—	0·0	300	2·6	300	1·6	300	2·3	—	1·0	300	2·3	290	2·3	285	2·0	270	3·6	265	3·3
26	285	10·5	280	11·1	280	10·2	285	9·8	290	9·2	280	8·5	280	8·9	280	9·8	285	10·8	285	10·8	300	10·5	290	10·5
27	300	12·5	310	12·1	310	12·5	305	11·8	300	11·1	305	9·8	300	11·1	305	9·8	310	10·8	295	10·5	290	10·5	305	11·1
28	290	3·3	285	2·3	285	3·3	285	2·0	285	1·6	285	2·3	285	2·6	285	2·3	285	2·3	285	2·0	280	2·3	275	3·3
29	195	2·3	—	1·0	—	1·0	—	0·7	205	1·6	—	1·0	205	1·6	200	2·0	220	2·3	230	4·3	230	3·9	230	2·0
30	275	4·9	265	4·6	250	5·9	250	3·6	250	2·6	250	3·9	240	2·0	235	2·6	235	5·2	240	4·9	220	4·6	220	3·6
31	75	2·6	30	2·0	65	2·6	45	4·3	30	5·2	25	5·2	20	4·9	5	3·3	355	5·2	330	6·2	330	6·2	330	4·9
Mean ...	—	4·1	—	4·1	—	4·2	—	**3·9**	—	4·0	—	3·9	—	4·0	—	4·4	—	5·0	—	5·3	—	5·4	—	5·2

367. Cahirciveen (Valentia Observatory) : H*a* = 12 metres + 14 metres.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	ms/.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	270	3·0	285	4·3	285	2·3	270	4·3	270	3·6	255	4·6	290	3·0	285	6·2	290	7·2	280	6·9	280	7·5	280	8·9
2	330	4·9	320	4·6	325	3·9	320	5·2	320	4·3	325	2·6	325	4·3	325	5·6	325	4·3	330	3·3	310	3·3	290	4·3
3	170	5·9	160	6·9	160	7·9	170	4·9	195	4·6	220	4·6	230	4·3	255	3·0	280	3·3	295	3·9	305	3·0	305	3·0
4	—	0·7	—	1·3	—	0·0	—	0·3	—	0·3	—	0·0	—	0·0	—	0·0	—	0·7	335	2·0	315	1·6	280	2·6
5	170	5·6	170	6·6	170	6·2	170	6·6	170	7·5	165	7·5	155	8·9	165	6·9	165	7·2	165	6·9	170	5·6	270	4·3
6	215	2·0	210	1·6	210	2·0	210	2·3	200	3·3	195	3·0	190	2·6	200	3·0	200	3·3	190	3·6	205	5·2	200	4·3
7	170	9·5	175	7·2	175	9·8	175	6·6	180	4·9	190	4·3	215	3·9	230	5·2	230	3·3	255	3·3	255	3·3	255	3·6
8	135	2·0	155	3·3	155	3·9	155	4·3	155	4·9	160	4·3	165	5·6	165	6·9	170	6·9	155	6·6	155	7·9	150	7·9
9	175	6·2	185	5·9	185	4·9	190	5·9	210	5·2	235	5·2	235	4·9	235	5·9	240	6·2	220	3·9	215	4·6	215	4·6
10	—	0·3	—	0·3	—	0·7	—	0·0	—	0·3	—	0·3	—	0·0	—	0·3	340	2·0	330	3·0	330	6·2	330	5·9
11	—	0·7	—	0·7	—	0·3	—	0·7	—	1·3	190	3·0	185	3·3	190	2·6	200	3·3	190	4·3	195	4·3	200	4·6
12	180	5·6	190	3·9	200	3·6	195	3·3	180	3·0	180	2·6	180	3·9	180	4·6	175	3·3	190	2·6	210	3·0	200	4·3
13	225	3·6	225	3·3	235	4·9	240	5·6	240	5·6	240	4·6	240	3·3	285	2·0	315	3·3	320	5·6	325	5·9	330	5·6
14	60	3·0	35	3·6	55	2·3	345	2·3	55	5·2	60	6·2	60	5·9	80	6·9	70	7·5	65	6·6	60	3·9	60	4·9
15	—	0·3	—	1·3	65	3·0	—	1·0	65	2·0	65	3·6	65	3·0	—	0·7	—	0·3	—	1·3	110	2·3	85	2·3
16	—	0·7	—	1·3	—	1·3	—	1·0	15	2·3	—	1·0	—	1·3	—	0·3	—	1·0	—	1·3	—	1·3	40	2·0
17	—	1·0	40	2·3	40	2·0	—	0·0	—	1·3	50	2·6	—	1·0	—	0·0	—	1·0	90	2·6	—	0·7	—	0·3
18	—	0·3	—	0·7	—	0·0	—	0·7	—	0·0	—	0·3	—	0·3	—	0·7	—	0·0	—	1·3	—	1·3	295	3·0
19	—	1·0	105	1·6	—	0·7	—	0·7	10	2·6	—	1·0	330	2·6	330	3·6	330	3·6	325	3·3	320	3·3	300	3·0
20	—	0·0	—	0·3	—	0·7	—	0·3	—	0·3	—	1·3	—	1·0	—	0·3	—	0·3	170	1·6	185	3·6	180	3·0
21	175	3·3	175	3·0	145	1·6	—	1·3	—	1·3	60	2·3	—	1·0	60	2·3	65	2·3	15	4·3	355	3·6	305	5·9
22	325	3·9	325	5·9	330	5·9	325	6·6	305	7·2	300	5·2	300	3·6	310	4·6	310	5·9	300	5·2	305	3·6	260	5·2
23	—	0·0	—	0·3	—	0·3	—	0·3	—	0·0	315	1·6	30	3·0	25	3·3	40	4·6	35	5·2	20	6·9	20	6·9
24	345	6·6	345	6·2	345	6·6	345	6·6	345	7·5	340	6·2	340	6·2	330	5·6	320	6·2	325	5·9	320	5·6	325	7·5
25	—	1·3	—	0·3	—	1·0	—	0·0	—	0·7	—	1·0	335	1·6	—	0·7	—	1·0	155	3·0	155	3·3	165	3·6
26	175	5·2	170	6·2	175	5·6	180	5·6	185	5·6	195	4·9	200	4·3	200	3·9	210	5·6	230	5·9	240	5·2	240	6·2
27	215	5·9	230	4·3	230	3·3	230	3·6	230	4·3	213	3·3	215	3·6	225	5·6	240	6·9	240	5·6	240	6·6	230	5·6
28	255	4·6	255	1·6	—	1·3	195	3·6	185	3·6	180	3·3	205	3·6	215	4·6	230	5·9	240	5·6	245	5·6	235	3·3
29	245	5·9	245	5·2	245	3·9	245	2·0	245	3·0	290	3·3	300	2·0	300	3·3	290	4·3	280	5·6	295	3·9	290	3·9
30	30	1·6	—	1·0	30	2·0	110	1·6	150	3·3	160	4·3	165	4·3	170	4·9	170	5·2	170	2·6	180	2·3	215	3·6
31	255	2·0	255	3·0	255	3·6	255	3·3	255	3·9	255	3·0	255	3·6	255	3·9	255	5·2	250	6·6	240	6·6	235	7·9
Mean ...	—	3·1	—	3·2	—	3·1	—	**2·9**	—	3·3	—	3·3	—	3·2	—	3·5	—	3·9	—	4·2	—	4·2	—	4·6
G.M.T. ...	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes centered at exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 12 metres + 14 metres.

July, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
175	5·2	165	4·6	165	3·3	170	4·3	175	3·0	175	2·6	175	2·3	175	2·3	175	2·0	—	0·7	—	1·3	125	2·0	2·7	1
315	4·3	310	4·3	320	7·2	320	8·5	320	6·9	360	4·3	30	4·9	10	5·2	360	4·6	350	2·3	345	3·9	345	6·2	3·1	2
340	8·5	340	8·5	345	8·2	345	8·9	345	7·9	340	8·2	340	8·5	335	5·9	335	6·2	335	4·9	335	5·6	335	5·6	7·5	3
315	4·9	310	4·9	310	4·6	315	4·3	315	2·3	315	3·0	315	2·6	315	1·6	—	1·3	—	1·3	—	0·7	—	1·3	4·1	4
270	5·2	265	3·9	265	4·9	265	3·3	265	3·0	255	1·6	230	1·6	185	3·6	165	3·9	160	4·9	165	6·2	160	5·6	2·7	5
255	5·9	250	7·2	250	5·6	250	5·6	250	3·9	250	3·6	270	3·3	285	2·3	290	2·6	345	3·6	360	3·3	360	3·6	5·0	6
295	4·3	300	4·9	285	4·6	285	4·3	290	3·6	315	3·6	315	3·0	—	1·3	—	0·0	—	0·3	—	0·7	345	1·6	3·9	7
320	5·2	315	5·2	310	6·2	320	6·2	330	6·2	330	5·2	330	4·6	310	3·9	305	3·9	305	3·9	295	3·6	295	3·3	3·7	8
215	4·9	190	4·3	195	4·9	200	4·6	220	5·9	240	7·2	245	5·9	245	4·3	245	4·9	250	4·3	255	6·2	270	6·2	4·7	9
305	3·6	285	3·6	285	3·3	325	3·3	310	4·9	295	3·0	290	3·9	295	3·9	315	3·9	320	3·0	320	3·3	320	2·3	5·0	10
280	2·3	—	1·3	280	2·6	280	3·0	275	4·6	270	4·6	—	1·3	—	0·0	—	0·7	—	0·3	—	1·0	—	0·0	1·3	11
270	3·9	270	3·6	270	3·0	270	3·0	270	3·6	270	3·0	—	1·3	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	**1·1**	12
235	2·0	250	2·6	245	4·3	240	3·6	240	3·0	210	2·3	190	3·3	185	3·0	180	3·3	180	3·0	180	3·3	160	3·6	1·7	13
170	7·5	170	5·9	170	7·9	170	7·9	170	7·2	175	6·6	180	5·2	190	1·6	270	3·3	290	3·0	310	4·6	315	3·9	5·5	14
315	4·6	315	5·6	315	5·2	310	4·6	305	4·9	305	3·6	305	3·0	305	2·3	—	0·0	—	0·3	—	1·3	—	0·7	3·4	15
165	8·9	165	8·2	175	6·2	190	3·6	245	2·0	240	2·3	245	3·9	245	3·9	245	3·3	260	4·3	270	3·6	265	3·3	4·9	16
170	6·9	180	6·9	185	7·9	190	7·5	220	6·9	230	10-	240	15·1	245	16·4	250	14·8	250	14·1	255	15·4	260	14·8	7·8	17
265	14·8	260	14·8	255	15·4	255	15·1	260	15·1	270	13·4	270	12·8	265	12·5	260	11·1	280	9·8	280	7·5	285	7·5	**14·1**	18
220	2·6	160	2·0	145	1·6	155	2·3	135	3·9	135	4·3	110	3·3	100	4·6	90	4·6	80	4·9	95	6·2	90	5·2	4·7	19
90	5·6	95	5·9	100	6·2	80	5·9	85	4·3	80	3·3	75	3·0	—	0·7	75	3·9	85	2·0	75	2·3	75	1·6	4·5	20
135	2·3	280	2·0	—	1·0	—	0·7	—	0·7	310	2·3	40	2·0	40	2·0	—	1·0	—	0·3	—	0·7	—	0·3	1·5	21
25	5·9	15	5·9	360	5·6	355	8·5	345	7·9	350	7·9	25	7·2	30	4·9	10	8·9	35	4·9	30	5·6	45	3·0	4·2	22
5	5·9	350	8·5	345	8·9	350	6·9	10	6·2	30	3·6	45	5·9	30	6·6	20	6·6	30	6·9	45	7·9	55	5·6	6·8	23
35	3·0	350	1·6	300	3·0	—	0·3	—	1·3	270	2·3	295	1·6	—	0·3	—	0·7	—	0·3	—	0·7	270	2·3	2·0	24
—	0·0	—	1·0	180	3·0	180	4·3	180	3·6	185	3·3	220	5·6	270	7·5	275	7·9	280	9·8	280	9·8	280	9·8	3·9	25
285	12·5	295	12·1	295	12·8	290	12·1	300	12·1	300	12·8	300	11·8	300	10·5	300	10·5	305	10·8	310	9·5	305	11·5	10·8	26
300	8·9	310	8·9	305	7·5	305	7·9	300	6·9	300	5·9	295	4·6	295	3·9	295	3·0	290	3·3	290	4·9	290	3·3	8·6	27
270	3·9	270	3·3	265	3·6	250	3·3	245	3·3	235	3·3	230	2·3	225	2·0	215	1·6	195	2·0	185	2·3	185	1·6	2·6	28
225	2·6	225	2·6	250	4·6	255	3·3	255	3·0	—	1·0	290	3·9	300	3·0	275	4·3	270	3·6	265	2·6	260	3·6	2·5	29
220	3·6	215	3·9	210	3·6	185	3·3	175	3·9	165	3·3	140	2·6	110	2·3	95	4·6	90	3·9	85	4·3	75	5·2	3·8	30
310	5·9	305	5·6	200	4·9	300	4·9	295	4·9	290	4·9	290	5·6	290	4·9	290	4·9	285	3·6	270	4·9	270	2·6	4·6	31
—	5·3	—	5·3	—	**5·5**	—	5·3	—	5·1	—	4·7	—	4·7	—	4·1	—	4·3	—	3·9	—	4·3	—	4·1	4·6	

August, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
290	7·9	295	7·5	300	8·9	300	9·2	305	9·5	325	8·9	330	7·5	330	6·6	325	6·6	325	6·2	320	5·6	325	7·2	6·3	1
275	3·9	285	3·9	280	3·3	275	2·6	270	2·6	250	2·6	235	2·3	215	2·6	190	3·0	175	4·6	175	4·3	170	4·9	3·8	2
300	3·0	300	4·9	305	4·6	300	4·3	300	3·6	300	3·6	310	4·6	320	3·0	—	0·0	—	0·7	—	0·3	—	0·3	3·8	3
265	3·3	260	2·0	160	4·3	175	5·6	170	5·6	170	5·6	170	3·6	165	3·3	160	4·9	160	6·2	165	5·6	170	3·9	2·6	4
275	4·3	265	4·6	255	5·2	255	3·9	255	3·6	255	3·6	255	3·3	255	3·0	250	2·0	—	1·3	225	1·6	225	1·6	5·0	5
200	3·3	210	3·9	180	4·9	175	4·9	170	5·9	170	5·9	165	7·2	165	7·5	165	9·8	170	10·2	170	10·8	170	10·8	4·9	6
255	3·3	255	3·6	255	3·0	255	3·0	255	3·3	255	3·0	255	1·6	—	1·0	—	0·3	—	1·0	140	1·6	—	1·3	4·0	7
140	8·5	135	8·9	130	10·5	110	9·2	135	9·5	160	8·9	170	8·5	170	8·9	170	8·5	175	8·2	175	7·9	175	6·6	**6·9**	8
220	3·0	220	2·6	225	2·6	235	2·6	235	1·6	—	0·3	—	0·0	—	0·0	—	0·0	—	0·3	—	1·0	—	0·3	3·4	9
325	6·6	325	6·6	320	6·9	305	6·9	310	6·2	310	6·9	310	5·2	310	3·0	295	3·6	295	3·0	—	0·3	—	0·7	3·1	10
200	4·6	190	4·9	180	4·9	175	6·6	170	6·6	170	8·9	170	9·8	170	9·5	170	9·5	170	8·5	170	8·5	170	7·5	4·8	11
195	4·6	195	6·2	195	5·9	195	6·6	195	6·6	190	5·6	190	5·2	190	4·6	190	4·3	195	3·9	215	4·3	220	4·6	4·5	12
330	4·9	320	5·2	320	4·9	305	4·6	310	4·6	325	5·9	335	3·0	335	3·3	—	0·7	—	0·7	70	2·6	55	4·3	4·1	13
55	4·3	75	3·9	70	4·6	65	3·9	65	6·6	65	6·6	65	3·3	65	1·6	65	2·3	—	0·7	—	0·0	—	0·3	4·1	14
55	2·6	40	2·6	40	2·0	5	2·6	315	5·2	330	5·2	—	1·3	360	2·0	360	1·6	—	0·3	—	0·7	—	1·3	2·0	15
230	3·6	235	3·6	235	3·0	235	3·3	235	3·0	290	2·6	—	0·0	—	0·3	—	0·0	—	0·7	—	1·3	—	0·0	1·5	16
—	0·3	—	0·7	—	0·3	—	1·3	150	1·6	—	0·7	30	2·3	—	0·3	—	0·7	185	1·6	—	0·0	—	1·0	**1·0**	17
310	3·9	290	3·3	295	3·0	325	4·9	35	3·0	60	2·6	150	1·6	160	3·9	160	3·3	160	2·3	160	2·3	—	1·3	1·8	18
290	3·3	295	4·6	305	3·9	305	2·6	305	3·0	320	3·9	325	4·6	330	5·2	330	4·6	330	2·0	—	0·3	—	0·3	2·7	19
180	4·3	175	4·6	170	4·6	165	5·2	170	4·9	160	4·3	145	5·2	170	5·6	160	5·6	165	5·2	175	3·3	175	2·6	2·8	20
305	7·5	305	4·9	315	4·3	325	7·2	330	9·2	340	6·6	345	5·6	345	5·2	350	8·9	350	8·5	345	8·9	340	6·2	4·7	21
255	4·3	255	4·6	255	4·6	255	4·6	255	4·6	255	4·6	250	5·6	250	4·6	250	3·3	250	1·6	—	0·3	—	0·0	4·5	22
15	5·9	15	6·6	345	9·8	335	11·1	345	10·5	350	9·2	350	6·6	350	6·2	350	8·2	345	9·5	350	6·6	350	6·6	5·2	23
325	8·5	330	7·5	330	7·2	335	8·5	330	8·2	335	6·9	335	6·6	335	6·6	335	5·9	335	4·6	335	3·6	335	2·3	6·5	24
160	4·9	140	4·6	140	6·9	140	5·6	140	8·2	140	7·9	140	6·6	135	4·3	135	5·2	155	3·9	165	4·6	170	3·9	3·5	25
240	6·6	245	6·9	250	6·6	235	5·2	220	4·9	220	4·3	215	3·0	205	2·3	200	2·3	195	3·3	190	3·3	190	3·9	4·9	26
225	5·9	225	4·9	220	4·3	205	3·9	195	3·9	190	4·3	205	5·2	230	5·9	235	5·2	240	7·9	245	6·6	255	5·6	5·1	17
235	4·3	230	3·6	235	6·2	245	6·6	245	7·5	250	7·2	250	6·6	250	5·9	250	4·9	250	6·2	250	5·2	245	6·6	4·9	28
300	4·6	300	4·3	315	3·9	290	3·3	305	3·6	305	2·3	305	1·6	—	0·3	—	0·7	—	0·7	—	1·0	—	0·7	3·2	29
225	3·6	235	5·9	245	5·6	255	3·6	255	3·3	255	4·9	255	3·3	255	2·0	—	1·3	255	1·6	255	3·6	255	2·6	3·2	30
235	7·9	235	6·6	230	5·2	235	6·6	235	4·6	230	3·9	230	3·3	230	4·9	230	4·9	230	7·2	230	7·9	235	8·2	5·0	31
—	4·8	—	4·8	—	5·0	—	5·2	—	**5·3**	—	5·1	—	4·3	—	4·0	—	3·9	—	4·0	—	3·7	—	3·5	4·0	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°) : Speed in metres per second

368. Cahirciveen (Valentia Observatory) : H_a (height of anemograph above M.S.L.)=Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s	°	m/s.	°	m/s.
1	240	7·9	245	6·9	245	5·9	245	5·6	245	5·9	285	2·3	295	2·3	300	3·3	320	3·6	325	3·3	315	2·0	300	3·9
2	315	6·2	300	6·2	305	4·9	320	4·9	320	4·3	305	4·6	290	5·6	305	4·6	280	5·2	285	6·9	280	6·6	270	5·9
3	275	5·9	275	6·2	280	5·6	285	6·9	290	6·9	290	7·9	305	6·2	320	6·9	315	5·9	315	7·2	320	6·9	325	5·6
4	10	4·3	30	1·6	360	3·3	360	2·3	335	6·2	340	6·6	340	5·9	335	7·5	335	7·5	340	8·9	335	7·5	340	7·5
5	300	3·3	295	4·9	290	4·6	285	5·9	285	7·2	285	6·9	275	6·6	275	8·9	275	8·5	280	9·5	280	9·2	275	9·5
6	10	4·9	10	3·3	10	3·6	10	3·3	10	2·0	45	5·9	20	4·3	30	4·6	25	5·2	20	3·9	340	4·9	340	5·2
7	355	2·0	—	0·7	—	0·3	—	0·0	355	3·3	355	2·3	—	0·0	—	0·7	290	2·6	295	2·6	305	6·3	305	2·6
8	315	3·6	335	2·3	335	1·6	335	3·3	345	2·3	315	3·3	315	2·6	320	3·6	320	4·6	295	3·6	305	4·3	310	5·2
9	300	5·2	315	4·9	305	3·9	285	3·6	300	6·2	305	4·6	295	6·2	285	7·2	300	7·5	300	7·2	310	7·5	310	8·9
10	350	4·9	350	5·9	345	6·2	335	7·5	340	4·9	345	5·9	350	3·9	360	3·9	360	4·9	345	5·9	350	4·6	345	6·9
11	5	4·6	5	3·3	5	3·3	20	3·9	20	2·0	—	1·3	—	1·0	20	2·0	30	3·6	10	3·9	15	3·0	5	3·6
12	—	1·3	—	0·3	—	0·7	—	0·3	—	1·0	—	0·7	120	2·0	—	0·7	—	0·0	—	0·0	—	1·0	55	2·3
13	130	3·3	140	3·9	135	4·9	140	6·2	145	5·6	150	5·9	150	6·6	160	6·9	165	5·2	165	6·2	165	6·6	170	6·9
14	170	6·2	165	5·9	165	3·3	165	4·6	165	5·6	160	4·6	160	3·6	155	4·6	155	5·6	160	6·2	160	6·6	155	7·2
15	145	10·8	145	10·5	150	11·8	145	12·1	145	13·1	145	11·8	145	13·1	145	13·8	140	12·8	140	13·1	145	12·8	145	15·1
16	250	3·9	205	2·3	205	2·3	235	2·3	230	2·0	220	2·0	—	1·3	—	1·3	215	2·0	215	3·0	220	3·9	220	4·6
17	105	3·6	95	4·6	80	4·3	90	4·3	90	5·6	65	6·6	75	4·6	80	2·0	350	4·9	350	6·6	325	6·2	295	4·9
18	210	2·3	205	2·6	205	3·0	200	3·3	190	2·3	195	3·3	200	3·6	215	5·9	210	5·2	200	5·6	200	4·6	200	3·6
19	180	3·3	180	3·9	180	3·9	180	3·6	180	4·9	175	4·3	175	4·9	175	4·6	215	5·9	175	2·0	175	4·3	185	4·3
20	240	5·6	225	4·3	210	3·6	225	5·2	210	4·3	210	4·3	230	4·9	225	5·2	235	7·2	225	6·2	235	8·9	235	8·5
21	260	6·2	270	8·2	270	9·2	275	7·5	280	7·5	285	7·9	290	5·6	295	3·6	300	3·0	290	1·6	275	2·0	265	2·0
22	140	8·9	175	7·2	225	4·6	210	3·9	190	3·9	170	4·3	165	3·6	—	1·0	—	1·0	155	3·6	165	3·3	165	2·6
23	310	10·2	305	10·5	310	10·5	315	10·2	330	8·2	335	9·5	350	7·5	345	7·9	340	8·9	335	8·5	335	7·9	320	9·2
24	325	3·6	320	3·6	320	3·9	350	3·6	345	4·3	335	2·3	10	2·6	15	2·0	345	2·3	315	4·6	300	4·9	295	3·3
25	150	5·6	155	5·9	155	6·2	150	5·9	150	6·6	155	5·9	160	3·9	190	2·3	255	4·6	275	6·9	285	6·9	310	7·5
26	320	8·2	325	8·5	315	8·2	290	7·5	305	6·9	305	5·9	315	7·2	315	8·2	320	8·9	310	8·5	310	8·2	305	10·2
27	—	0·3	—	1·3	25	1·6	25	1·6	—	0·7	—	1·3	—	1·0	85	2·0	160	4·3	165	3·6	170	4·3	175	4·9
28	160	2·0	160	2·0	—	1·0	—	0·3	—	1·0	160	1·6	160	1·6	—	1·0	—	1·3	—	0·7	190	2·6	215	2·6
29	180	4·9	180	5·2	180	4·9	180	4·3	180	3·9	190	3·6	195	3·3	195	3·0	195	2·3	195	3·0	200	4·3	205	3·9
30	185	2·0	—	1·3	175	2·6	170	2·3	—	0·3	—	0·7	—	0·3	—	0·3	—	1·0	230	3·0	300	2·3	305	3·9
Mean ...	—	4·8	—	4·6	—	4·5	—	4·5	—	4·6	—	4·6	—	**4·2**	—	4·3	—	4·9	—	5·2	—	5·4	—	5·7

369. Cahirciveen (Valentia Observatory) : H_a = 12 metres + 14 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	0·7	—	1·0	55	1·6	—	1·0	—	1·0	—	1·0	—	0·3	—	0·7	—	0·0	—	0·3	—	0·3	—	[illegible]
2	—	0·7	—	0·3	50	1·6	—	1·0	50	1·6	—	1·0	—	0·3	—	1·0	—	0·3	—	0·7	—	0·3	—	0·3
3	—	1·3	—	1·3	40	2·0	40	2·0	40	1·6	40	1·6	—	1·3	—	1·0	—	0·3	—	0·3	—	0·7	—	0·7
4	—	1·0	—	0·7	—	0·3	—	0·3	—	0·0	—	0·7	—	1·3	—	0·0	—	1·0	—	1·0	—	1·0	—	0·0
5	—	0·0	—	0·3	—	1·3	—	1·3	—	0·0	—	0·7	—	0·0	—	0·0	—	0·0	—	0·3	—	1·0	—	1·0
6	—	0·3	—	0·0	—	0·7	200	2·0	—	0·0	—	0·3	—	1·0	—	0·3	—	0·0	—	0·7	—	0·3	220	1·6
7	290	1·6	—	0·3	295	1·6	300	2·6	310	2·6	—	1·3	315	2·0	—	1·3	—	1·0	—	0·3	315	2·6	30	2·6
8	90	5·2	—	1·0	55	1·6	65	2·8	75	3·6	75	4·6	75	3·6	80	3·3	40	5·2	35	3·0	50	3·0	55	2·0
9	—	0·7	—	1·3	—	1·0	—	1·0	—	0·3	30	1·6	—	1·0	30	1·6	—	0·7	—	0·3	—	0·3	115	3·6
10	—	1·3	70	1·6	70	2·6	70	2·3	70	3·3	70	3·6	70	3·6	60	3·6	65	2·3	75	2·0	190	2·0	215	2·3
11	—	0·7	35	2·0	35	2·0	—	0·7	—	1·3	—	1·3	—	0·7	—	1·3	—	0·7	—	0·0	—	0·0	—	0·7
12	—	0·7	—	0·7	—	0·3	—	0·0	—	0·0	—	1·0	—	1·0	—	0·3	—	0·3	—	0·0	—	0·7	15	1·6
13	—	0·0	—	0·0	—	0·0	—	1·0	320	3·0	300	3·3	310	5·2	300	4·3	300	4·6	310	3·9	310	4·6	300	4·9
14	75	6·2	85	4·9	85	4·6	85	3·3	—	1·3	120	1·6	115	3·0	85	3·3	100	3·3	95	2·6	105	2·3	—	1·3
15	80	2·3	—	1·0	90	1·6	—	0·7	130	2·0	140	2·6	—	1·0	105	2·0	—	0·7	150	2·6	160	3·6	170	4·6
16	230	4·6	230	3·0	230	2·3	230	1·6	235	3·0	—	0·7	—	0·3	—	0·3	—	0·0	—	0·7	—	0·3	—	0·7
17	190	4·6	200	5·2	205	7·2	200	8·2	215	7·9	220	6·6	220	6·9	220	7·2	220	7·2	225	6·9	225	8·2	225	8·5
18	—	0·0	—	0·0	—	0·0	—	0·3	—	0·0	—	0·0	—	0·3	350	2·0	—	1·0	—	0·3	—	1·3	—	1·3
19	95	3·3	95	4·3	90	4·3	90	5·6	90	6·6	115	4·9	125	3·6	140	4·6	125	4·9	120	5·6	125	7·5	140	9·2
20	180	3·3	170	5·2	170	5·6	170	6·2	170	5·2	170	5·9	170	6·2	170	6·2	170	6·9	170	6·6	175	5·9	175	5·6
21	175	7·9	175	6·9	175	7·2	180	5·6	180	3·9	180	3·9	175	3·9	170	6·9	170	6·9	170	6·6	170	6·6	175	6·2
22	175	8·5	175	8·5	175	8·5	185	8·5	185	8·2	195	8·5	190	7·2	195	7·2	195	7·2	195	5·9	190	5·9	185	5·9
23	245	10·2	250	7·5	245	11·1	250	10·2	245	9·2	240	10·2	245	9·2	245	8·9	250	7·9	270	7·9	290	5·9	310	5·2
24	250	8·5	260	9·8	265	9·8	265	6·6	280	6·2	250	9·2	260	6·6	250	4·3	250	7·2	225	2·6	265	6·6	240	7·9
25	330	9·5	325	9·2	325	8·5	320	4·6	295	5·2	295	4·9	285	6·2	295	4·9	270	5·2	250	3·3	230	4·6	220	5·6
26	190	3·0	185	4·6	170	4·3	160	7·2	160	9·5	165	9·5	180	9·2	210	10·2	230	13·1	235	13·4	230	11·8	225	11·5
27	230	8·9	230	9·8	230	9·5	235	10·8	240	12·8	240	13·1	270	11·5	280	9·8	295	9·2	290	10·2	285	9·8	280	10·5
28	235	4·9	220	3·6	215	3·6	210	4·3	200	3·3	200	3·3	200	3·9	185	5·2	180	7·2	175	7·9	175	8·5	175	9·2
29	195	2·6	195	2·6	180	3·0	160	4·9	145	4·3	145	8·2	150	8·2	165	8·9	170	10·5	170	11·5	170	12·5	170	13·1
30	165	5·6	160	6·6	155	8·2	160	8·2	160	9·5	160	8·9	160	8·9	160	9·2	160	9·8	160	9·5	170	8·5	165	10·5
31	175	7·9	175	6·6	175	6·2	175	6·6	175	6·2	180	5·9	175	5·2	175	6·2	175	6·2	175	7·5	175	6·9	175	6·2
Mean ...	—	3·7	—	**3·5**	—	3·9	—	3·9	—	4·0	—	4·2	—	4·0	—	4·1	—	4·2	—	4·0	—	4·3	—	4·7
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes centered at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 12 metres + 14 metres.

September, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s	
310	4·3	310	5·2	315	7·2	320	6·9	330	6·6	325	7·2	325	6·9	330	6·2	330	5·6	330	5·2	320	5·2	315	5·9	5·3	1
280	6·6	270	6·6	270	5·6	275	5·9	285	5·2	270	6·2	260	6·6	270	6·6	280	6·6	275	5·2	270	4·3	275	5·2	5·7	2
345	5·2	340	7·5	345	6·2	340	7·9	5	5·9	5	6·6	5	6·6	5	5·9	360	6·2	360	4·6	5	6·2	10	4·6	6·3	3
325	7·9	330	6·9	335	6·9	335	8·2	340	6·6	345	5·9	345	5·2	345	4·9	345	4·6	350	3·6	350	1·6	310	2·3	5·6	4
300	7·9	315	7·9	315	8·9	315	9·5	330	8·2	335	7·2	330	5·9	340	5·6	345	3·9	10	4·6	5	6·2	10	4·6	6·8	5
335	6·2	335	4·6	340	3·3	350	4·3	5	3·3	360	3·3	10	3·0	10	3·3	10	3·0	5	3·0	355	1·6	355	2·0	3·9	6
290	3·9	290	3·9	285	4·3	290	4·3	300	4·3	305	4·3	295	3·6	300	4·3	310	3·6	320	3·0	320	2·6	305	3·9	2·7	7
310	5·6	305	5·6	295	5·6	300	4·6	295	4·6	300	4·3	295	4·6	300	4·3	300	4·6	285	5·2	290	5·2	295	6·2	4·1	8
315	8·5	325	8·9	340	10·8	340	9·5	340	11·5	340	8·5	345	7·9	345	6·9	5	5·6	5	5·9	355	5·6	350	4·9	7·0	9
350	6·2	330	7·5	330	7·9	335	6·2	345	4·9	350	6·9	5	5·6	10	3·9	10	4·3	5	7·2	10	5·6	10	5·9	5·7	10
360	3·3	345	4·6	320	6·6	330	6·6	335	5·9	5	3·3	5	3·0	5	1·6	5	2·3	—	1·0	—	1·0	—	1·3	3·3	11
315	2·6	280	1·6	—	1·3	280	2·0	280	2·3	—	1·3	—	0·3	180	2·0	90	1·6	90	1·6	110	2·6	125	3·6	**1·3**	12
170	7·2	170	6·6	170	6·2	170	7·9	170	6·6	170	6·6	165	6·2	170	5·9	165	6·6	165	5·9	170	5·6	165	5·9	6·0	13
155	7·9	155	8·2	160	7·5	160	6·2	145	6·9	145	7·5	145	7·5	145	8·2	145	9·2	145	9·2	145	9·5	145	10·5	6·7	14
150	16·1	155	12·8	170	10·5	205	8·2	220	5·6	195	3·6	225	6·6	245	6·2	260	6·9	255	5·6	265	3·3	255	4·3	**10·1**	15
205	3·6	200	3·9	190	4·6	180	4·9	180	4·6	180	3·3	180	3·3	180	3·9	180	3·0	170	3·6	155	3·9	125	4·9	3·3	16
260	4·6	265	10·5	275	9·8	280	9·5	290	7·9	290	6·6	285	5·9	290	5·2	285	4·3	280	3·3	270	3·3	265	3·0	5·5	17
205	4·3	195	5·2	205	4·9	190	4·9	185	4·3	190	4·6	180	3·6	180	4·9	185	4·3	185	4·3	180	3·3	185	3·3	4·0	18
185	2·6	235	5·9	240	6·9	240	8·2	245	6·9	250	10·2	245	9·2	250	7·9	245	10·5	240	8·5	235	8·9	240	7·9	5·9	19
240	10·2	235	9·5	235	10·2	240	10·2	240	9·5	245	9·2	245	5·2	255	4·9	300	6·2	265	8·2	265	8·2	260	7·5	7·0	20
265	2·0	260	2·3	220	2·3	220	2·6	215	2·6	200	2·3	190	3·3	190	2·6	170	3·9	150	4·9	160	6·9	150	8·5	4·5	21
—	0·7	350	3·0	320	5·2	335	7·9	335	8·9	340	12·5	350	11·8	345	11·8	340	11·8	340	10·2	330	9·5	315	10·2	6·3	22
305	9·2	305	7·2	310	6·6	325	5·6	305	5·6	300	6·2	315	4·9	325	3·3	320	4·3	330	3·9	330	3·6	320	4·6	7·4	23
280	3·9	280	3·6	280	3·0	280	2·3	280	1·6	210	2·3	215	4·3	210	3·0	195	3·0	190	3·3	165	4·3	150	4·9	3·3	24
320	9·5	320	9·8	325	10·5	325	9·8	330	10·2	330	9·2	325	8·5	325	9·5	325	9·2	340	7·2	330	8·5	330	7·5	7·3	25
305	8·5	310	7·9	315	7·2	320	6·6	325	4·3	310	4·9	305	3·0	—	0·3	—	0·7	305	1·6	—	0·7	—	0·7	6·1	26
175	5·2	175	4·3	175	5·2	175	4·9	175	5·2	175	5·9	175	6·6	165	6·6	160	5·6	160	3·9	—	1·3	—	0·7	3·4	27
220	4·3	220	4·6	220	3·9	225	4·6	205	3·6	185	4·9	200	3·6	200	4·3	190	3·9	185	4·9	180	4·3	180	4·6	2·8	28
210	4·3	210	3·3	210	2·6	210	2·3	205	2·3	190	3·6	180	2·3	180	2·0	180	2·6	180	1·6	180	2·0	180	2·6	3·3	29
310	3·3	290	2·6	305	3·9	310	4·3	315	4·6	320	2·0	—	0·3	—	0·3	—	0·3	—	1·0	15	1·6	35	1·6	1·9	30
—	5·9	—	6·1	—	6·2	—	**6·2**	—	5·7	—	5·7	—	5·2	—	4·9	—	4·9	—	4·7	—	4·5	—	4·8	5·1	

October, 1925.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
50	2·0	50	3·3	50	2·3	—	1·3	—	1·0	—	0·7	—	0·3	—	0·3	—	0·7	50	2·0	—	0·7	—	0·0	1·0	1
300	1·6	305	2·0	310	2·3	310	2·0	—	1·0	—	0·0	—	0·3	—	0·3	—	0·7	—	0·7	—	1·3	30	1·6	0·9	2
—	1·0	—	1·3	—	0·7	—	0·7	—	1·0	—	0·7	—	0·0	—	1·0	295	1·6	—	0·0	—	0·0	—	0·0	1·0	3
—	1·3	300	2·0	280	2·0	—	1·0	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·7	—	0·3	—	0·0	**0·7**	4
225	2·0	225	2·0	—	1·3	225	2·0	—	1·0	200	2·3	—	1·3	—	0·0	—	0·0	—	0·0	—	0·0	—	1·3	0·8	5
275	2·3	—	1·3	300	2·3	280	2·6	—	1·0	—	0·0	—	0·3	—	0·0	—	0·0	—	0·0	—	0·3	—	0·0	0·7	6
70	4·6	60	3·6	45	5·6	60	6·9	60	6·6	40	5·2	30	3·6	25	5·2	50	5·2	55	5·6	40	5·6	80	6·6	3·4	7
90	2·0	110	1·6	150	2·3	210	1·6	—	1·3	—	0·0	—	0·0	—	1·0	110	2·0	105	4·3	95	3·6	—	0·7	2·6	8
125	3·6	130	3·3	130	3·3	120	3·3	115	3·3	115	3·3	110	3·3	—	1·3	110	4·3	110	3·6	110	2·3	—	1·3	2·1	9
215	3·3	225	2·6	225	3·0	225	2·6	225	2·6	—	1·3	—	1·0	55	2·0	—	0·3	—	0·0	—	0·7	—	1·0	2·1	10
355	2·3	—	1·3	350	2·0	350	1·6	60	2·0	75	4·3	85	5·2	85	5·6	85	5·2	85	4·6	65	2·3	—	0·7	2·0	11
340	3·6	320	3·3	315	3·9	315	3·6	335	3·6	350	3·3	—	1·0	—	1·0	—	0·7	—	0·3	—	0·7	—	0·3	1·3	12
315	4·9	315	5·2	310	4·9	300	5·2	315	5·2	320	4·9	320	3·3	320	3·0	330	2·6	330	3·9	305	3·0	50	4·3	3·5	13
140	1·6	155	1·6	160	2·0	160	2·0	160	2·0	160	1·6	160	2·0	160	2·3	140	1·6	—	1·3	—	1·0	—	1·3	2·5	14
175	4·3	175	4·3	175	4·6	175	4·3	185	3·6	190	3·6	185	2·6	180	3·6	175	4·6	190	4·6	195	3·3	215	3·9	2·9	15
250	1·6	—	0·0	—	1·0	185	2·3	185	2·0	185	2·3	185	2·3	200	3·6	210	3·9	210	4·6	200	3·3	185	3·0	2·0	16
225	8·5	225	7·9	225	7·9	230	7·5	240	6·9	—	0·7	—	1·3	295	2·3	310	2·0	—	1·3	—	1·3	—	0·7	5·6	17
155	2·0	155	2·0	—	1·3	—	1·0	—	0·3	—	0·3	90	3·0	90	3·3	90	2·3	95	3·3	100	3·9	95	3·0	1·3	18
140	9·5	155	9·5	165	7·5	170	7·2	170	7·2	170	6·9	175	5·9	175	4·3	195	4·3	195	3·3	190	3·3	185	3·6	5·7	19
185	5·6	180	6·2	180	5·6	175	5·2	180	4·6	180	5·2	180	3·3	175	3·6	175	5·6	170	5·2	175	5·9	175	7·9	5·4	20
175	7·2	175	7·5	175	7·2	175	7·9	175	8·5	175	7·5	175	7·5	175	8·2	175	6·6	170	6·6	170	8·2	175	9·2	6·8	21
190	5·9	210	5·2	220	4·6	225	5·2	225	4·3	235	3·6	245	6·6	245	6·2	240	6·6	245	8·5	250	7·9	245	7·9	6·8	22
300	5·9	290	6·9	285	7·9	290	8·9	285	9·8	290	9·2	280	9·5	285	10·8	285	10·5	285	10·5	275	8·2	265	9·2	8·7	23
265	7·2	265	4·9	270	4·9	310	4·6	320	4·3	325	5·2	335	3·3	320	7·2	300	6·2	305	6·6	320	6·6	335	9·5	6·5	24
220	5·9	200	6·2	190	4·9	180	5·6	180	7·2	175	8·2	180	8·2	210	9·2	235	9·2	240	7·2	230	3·3	200	3·3	6·4	25
220	9·8	210	10·5	205	9·5	200	10·2	200	9·8	205	9·8	210	10·8	220	9·8	215	10·5	220	11·1	230	10·5	235	11·8	**9·5**	26
280	8·9	270	8·9	275	8·2	270	6·9	280	6·6	285	7·2	270	6·6	280	6·9	280	4·9	240	4·6	240	3·3	245	3·3	8·6	27
175	10·5	175	9·8	195	8·5	195	8·2	195	8·2	195	7·9	215	8·5	225	8·2	240	6·2	235	3·3	205	2·6	195	2·6	6·2	28
170	12·1	170	11·8	175	8·9	180	4·9	180	3·9	180	4·3	175	5·6	175	4·3	180	4·3	165	5·2	165	5·9	170	5·2	6·9	29
165	11·1	170	10·2	170	9·2	175	8·2	170	8·5	170	7·9	170	7·9	170	7·5	170	7·2	170	8·2	170	7·9	170	8·9	8·5	30
175	8·2	175	8·2	170	8·5	170	8·2	165	8·5	160	10·5	160	11·8	160	12·5	155	12·1	155	13·1	160	13·1	160	13·1	8·5	31
—	**5·2**	—	5·0	—	4·8	—	4·6	—	4·4	—	4·1	—	4·1	—	4·3	—	4·3	—	4·3	—	3·9	—	4·0	4·2	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North ($E = 90°, S = 180°, W = 270°, N = 360°$) : *Speed in metres per second.*

370. Cahirciveen (Valentia Observatory) : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	160	12·5	165	12·5	170	9·2	170	5·9	160	7·5	140	10·8	140	10·2	150	11·1	155	9·5	160	10·2	170	10·8	190	6·9
2	185	3·9	180	4·3	175	5·2	180	5·2	235	5·2	235	3·6	220	3·6	215	2·6	195	3·9	200	4·9	220	5·6	200	4·6
3	—	0·7	—	0·7	—	0·7	—	0·7	—	0·3	—	1·3	—	0·3	140	2·3	165	3·3	235	2·3	230	2·3	235	4·6
4	190	3·6	190	3·3	230	3·0	215	2·0	175	3·0	170	3·0	155	4·3	165	5·9	160	4·6	170	3·3	195	4·3	220	5·6
5	220	2·3	220	2·3	220	1·6	220	2·0	220	2·3	220	1·6	220	2·6	—	0·7	—	1·0	—	0·7	—	0·0	—	0·3
6	—	0·3	—	1·0	—	0·7	80	2·0	—	0·7	—	1·0	—	0·3	125	2·6	130	4·9	135	7·2	135	6·2	140	6·9
7	230	7·9	235	10·8	235	7·9	235	6·2	235	5·2	220	4·6	210	4·3	215	3·9	210	3·3	—	1·3	—	1·0	—	1·3
8	40	11·5	30	9·5	25	11·1	25	10·2	25	11·8	25	11·8	25	12·1	30	12·1	30	11·8	25	10·8	25	11·1	25	11·8
9	20	2·0	15	2·3	15	4·3	5	4·9	360	6·9	15	5·6	10	3·9	355	5·2	330	4·6	320	3·6	355	3·9	305	7·2
10	5	2·6	10	1·6	20	2·0	50	1·6	50	2·0	50	2·0	55	3·0	60	3·0	65	2·0	55	2·3	45	3·9	25	5·6
11	—	0·3	—	0·3	—	0·0	—	0·3	—	1·0	85	2·0	—	1·0	—	1·3	—	0·7	—	0·0	—	0·0	—	0·0
12	90	3·6	90	3·3	90	3·3	90	4·3	90	4·9	105	4·9	115	3·9	125	4·6	130	5·2	135	4·9	145	5·6	155	4·9
13	135	5·6	135	4·9	130	5·2	125	4·9	135	5·9	140	5·2	130	5·6	130	5·9	130	6·6	135	6·2	140	5·6	145	5·9
14	160	6·2	160	4·9	165	5·9	165	6·2	170	4·9	165	5·9	160	6·2	160	6·6	155	6·2	160	6·2	170	5·6	175	5·2
15	155	4·9	150	5·9	145	5·2	155	4·9	170	4·3	175	4·9	175	3·0	175	2·3	175	2·3	—	1·3	—	1·0	—	1·3
16	95	4·6	95	3·0	95	2·3	95	2·0	—	0·7	95	2·6	95	2·0	95	2·0	95	2·0	90	3·9	90	3·9	70	3·3
17	65	4·6	80	4·9	65	3·3	100	4·3	340	3·9	90	6·6	80	2·0	35	2·3	55	3·3	55	1·6	30	3·3	40	3·6
18	80	3·3	—	0·0	—	0·0	—	0·0	—	0·0	—	0·7	—	0·7	—	0·3	—	1·0	—	0·3	—	0·0	—	0·0
19	—	1·3	—	0·3	—	1·0	—	1·0	—	1·0	—	1·0	—	0·7	—	0·3	—	0·3	—	1·0	—	0·0	—	0·0
20	—	0·3	90	2·3	—	1·3	—	1·3	—	1·3	90	2·6	—	1·0	—	0·7	90	1·6	—	1·0	—	1·3	—	0·0
21	—	1·3	—	1·0	—	1·0	—	1·0	90	2·0	90	3·0	—	0·7	—	1·0	—	1·3	90	2·6	90	1·6	—	0·0
22	—	0·0	—	0·0	—	0·7	—	0·3	—	0·0	—	1·3	60	2·0	—	0·7	—	0·3	—	0·3	—	0·3	60	2·0
23	—	0·0	—	0·0	—	0·3	—	0·3	—	0·0	—	1·0	35	2·0	50	2·0	60	2·6	50	2·0	25	4·3	25	5·6
24	—	1·3	80	2·0	65	1·6	—	1·3	—	0·7	—	1·3	—	1·3	—	1·0	—	1·0	—	1·0	—	0·7	—	0·0
25	335	6·2	330	6·9	330	6·6	335	9·2	335	9·8	340	10·2	345	8·5	5	7·2	10	6·9	5	9·2	15	6·6	30	5·9
26	130	2·3	150	3·9	135	5·9	120	5·2	105	4·6	105	4·3	100	5·2	90	4·6	90	4·6	80	4·6	75	3·6	75	4·6
27	—	1·0	65	1·6	35	3·3	—	0·0	—	0·3	—	0·3	—	0·3	—	1·3	40	1·6	40	10·2	40	9·5	30	7·9
28	10	7·9	350	9·2	350	8·9	345	10·2	345	8·5	340	8·5	335	8·9	340	10·2	345	10·8	340	10·8	350	9·8	5	9·5
29	5	3·3	350	4·3	360	4·6	350	3·6	360	3·9	350	4·3	5	3·0	340	2·3	305	5·6	310	6·6	310	6·6	300	7·9
30	320	10·2	315	11·5	320	11·5	305	12·5	315	12·8	325	9·8	330	7·5	335	8·2	330	7·9	335	8·9	355	9·8	345	10·8
Mean ..	—	3·9	—	4·0	—	3·9	—	3·8	—	3·8	—	4·2	—	3·7	—	3·8	—	4·0	—	4·3	—	4·3	—	4·4

371. Cahirciveen (Valentia Observatory) : H_a = 12 metres + 14 metres.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	20	3·3	40	4·6	25	3·0	30	2·6	35	1·6	—	1·3	—	1·3	70	3·0	70	3·6	70	3·3	70	3·0	60	3·6
2	70	2·6	70	1·6	65	2·3	65	2·0	65	2·6	65	2·3	—	1·3	—	1·3	65	2·6	—	1·0	65	2·0	—	1·0
3	—	0·7	—	1·3	—	0·3	—	0·0	60	2·0	90	3·6	85	3·3	95	3·6	90	4·9	90	3·9	100	4·9	105	6·2
4	105	7·9	120	10·8	135	10·8	130	9·8	130	10·2	135	12·1	130	11·5	125	11·5	130	11·1	125	11·1	125	11·8	125	10·8
5	130	10·2	125	9·8	125	9·5	130	10·2	120	9·2	115	10·2	120	10·2	110	12·1	110	13·4	115	14·1	120	13·4	110	12·8
6	115	12·1	125	11·5	115	10·2	125	10·2	125	10·5	125	10·2	130	10·2	135	9·8	130	11·1	135	10·2	135	11·5	140	10·8
7	155	10·2	155	10·2	150	11·8	155	10·2	155	10·8	165	11·1	170	10·8	170	10·2	170	11·1	165	9·8	165	11·1	170	10·5
8	195	8·2	200	8·2	210	9·2	220	9·2	215	8·2	210	8·2	235	11·5	230	7·9	230	8·5	225	9·5	225	8·9	240	12·5
9	250	9·5	245	12·1	240	12·5	250	13·8	245	13·8	255	13·1	260	11·1	260	12·5	255	12·8	260	10·8	255	13·1	265	12·5
10	295	8·9	290	10·5	295	9·5	300	7·5	305	6·6	290	6·2	290	4·6	290	4·9	310	5·6	290	5·2	285	5·6	290	6·6
11	5	2·3	355	3·6	350	3·3	345	1·6	340	4·3	360	1·6	—	0·7	360	1·6	360	2·3	—	1·3	—	0·7	—	1·3
12	—	0·3	—	0·0	—	0·3	—	0·3	—	0·0	—	0·7	—	0·7	—	0·0	—	0·7	—	0·0	—	0·0	—	0·7
13	—	1·0	35	1·6	—	0·7	—	1·3	—	1·3	—	1·0	—	0·7	—	1·3	—	1·0	10	1·6	360	3·6	350	2·6
14	45	1·6	45	2·3	45	2·6	50	2·3	55	1·6	55	2·6	55	2·0	55	2·3	55	3·0	55	2·0	55	2·0	50	2·3
15	—	0·7	—	0·7	—	0·3	—	0·3	70	2·3	—	1·0	—	1·0	345	2·6	315	3·9	295	2·0	275	5·2	280	6·9
16	—	1·0	—	0·7	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·3	—	0·0	—	0·0	—	0·0	—	0·0
17	—	0·0	—	0·0	—	0·0	—	0·0	—	0·7	—	0·0	—	0·0	—	0·0	—	0·7	—	0·0	—	0·0	—	0·0
18	—	0·3	—	0·7	135	2·0	125	2·0	—	1·0	130	3·9	130	3·6	120	3·3	125	2·6	125	5·9	125	3·6	120	3·6
19	100	3·6	100	3·9	100	3·6	100	4·3	100	4·6	85	4·9	85	3·6	85	3·0	85	3·6	90	4·6	95	3·6	90	3·6
20	60	9·8	60	10·2	65	9·8	70	11·5	70	11·8	65	10·8	65	11·1	60	10·2	60	8·5	55	8·5	55	9·2	55	8·2
21	—	0·3	—	0·3	—	0·3	85	1·6	—	0·7	25	3·6	20	2·3	290	4·3	265	3·9	265	5·6	245	6·9	245	8·9
22	—	1·3	—	0·7	—	0·3	—	0·3	—	0·3	—	0·3	—	0·0	—	0·3	45	2·6	35	5·6	40	4·6	35	4·9
33	—	1·0	—	1·0	—	0·3	—	0·3	130	3·0	—	1·0	135	1·6	155	2·0	120	2·3	175	4·3	175	3·9	215	5·9
24	315	7·9	295	5·2	295	4·3	290	5·2	295	3·9	—	1·0	—	1·3	—	1·0	30	2·3	—	0·3	—	1·0	65	2·0
25	80	6·9	75	5·6	75	5·2	85	3·9	95	6·6	100	7·2	95	5·6	95	7·5	95	7·5	105	8·9	130	4·3	150	7·2
26	235	12·8	240	9·8	240	8·9	240	7·9	245	6·2	230	3·6	220	3·3	205	4·3	180	3·9	170	4·6	165	5·9	165	7·9
27	220	8·2	220	9·2	230	9·8	220	6·2	220	7·5	225	6·2	220	7·5	220	8·2	225	7·9	225	8·2	230	8·5	230	9·2
28	245	9·2	235	7·5	230	6·9	220	5·6	195	5·9	190	7·9	190	8·9	190	8·9	205	11·1	220	11·5	220	11·5	220	10·5
29	170	9·5	190	11·8	200	12·8	215	14·1	190	10·8	190	10·8	200	11·5	215	12·8	225	10·2	215	4·9	205	4·6	175	5·2
30	200	8·2	180	9·2	205	11·8	190	8·9	200	9·8	230	10·8	215	11·8	215	10·8	210	10·2	220	12·1	225	12·5	230	14·8
31	235	4·6	235	8·2	240	10·8	235	13·1	240	13·8	235	13·4	235	14·1	235	13·8	235	14·1	235	13·4	240	13·4	240	15·1
Mean ...	—	**5·3**	—	5·6	—	5·6	—	5·4	—	5·5	—	5·5	—	5·4	—	5·7	—	6·0	—	5·9	—	6·1	—	6·7
Annual Mean ...	—	4·6	—	**4·6**	—	4·7	—	4·6	—	4·7	—	4·8	—	4·7	—	4·9	—	5·2	—	5·4	—	5·7	—	5·9

Averages for periods of sixty minutes centered at the exact hours, Greenwich Mean Time.

M.S.L. + h$_a$ (height of anemograph above ground) = 12 metres + 14 metres.

November, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
190	4.9	190	5.9	190	4.9	190	4.6	185	4.6	180	3.9	180	4.3	175	4.6	165	4.6	175	4.6	190	4.3	195	3.9	7.4	1
195	6.2	190	5.6	190	3.9	190	3.6	190	3.0	185	3.3	185	3.3	190	1.6	185	2.6	175	2.0	175	2.6	175	2.3	3.9	2
250	6.9	245	7.5	245	7.9	240	6.9	240	5.2	240	4.6	240	4.9	230	4.9	220	3.6	205	2.6	185	3.0	215	3.0	3.3	3
245	5.9	255	4.3	255	3.9	255	4.3	255	6.2	260	5.6	255	4.9	245	2.0	—	1.3	—	1.0	220	1.6	220	2.0	3.7	4
270	2.0	300	2.6	300	3.3	300	2.3	—	0.3	—	0.0	—	0.0	—	1.0	—	0.3	—	0.3	80	1.6	—	1.0	1.4	5
135	7.9	135	9.8	115	10.8	115	11.8	125	12.5	115	14.8	110	14.8	105	10.5	—	1.0	245	8.2	235	9.2	230	8.2	6.2	6
235	2.3	—	1.3	—	0.3	—	0.0	—	0.7	—	1.0	55	2.6	55	4.3	55	7.2	50	9.2	50	8.9	45	10.5	4.4	7
25	11.1	25	10.5	20	9.5	20	8.9	20	7.2	20	4.9	20	4.6	25	2.6	25	3.0	10	3.3	350	4.3	5	5.9	**8.9**	8
295	4.6	290	6.6	290	7.2	320	5.2	310	3.6	320	4.6	315	5.2	325	3.6	325	4.3	325	3.9	340	3.3	10	2.3	4.6	9
35	5.9	35	4.9	40	3.6	35	2.6	35	3.3	35	1.6	—	1.0	—	0.3	—	1.0	—	1.0	—	1.3	—	0.3	2.5	10
115	2.0	110	1.6	—	0.7	—	0.0	—	0.0	—	1.3	65	2.6	75	3.6	95	4.6	60	2.0	—	0.7	—	1.0	1.1	11
165	5.9	160	4.6	160	3.3	165	3.9	170	3.3	170	3.9	165	3.3	160	3.9	155	4.6	155	5.2	145	4.6	145	4.6	4.3	12
150	5.2	155	4.3	155	5.2	155	3.0	155	4.6	150	4.9	135	5.9	140	6.6	140	6.2	155	7.2	160	7.2	165	6.2	5.5	13
175	5.2	170	5.2	165	4.3	165	4.3	165	3.9	160	5.9	160	4.6	160	4.3	160	4.3	160	5.2	160	4.6	160	4.9	5.3	14
160	2.3	155	1.6	—	1.0	90	2.0	75	1.6	120	3.3	140	4.6	125	3.6	115	3.0	115	3.3	110	3.6	100	3.9	3.1	15
60	5.9	50	5.2	60	6.2	60	3.9	60	4.9	55	5.2	55	3.6	55	4.3	75	3.3	85	2.0	100	4.9	95	5.9	3.6	16
90	3.6	90	3.6	90	3.0	—	1.3	—	1.0	100	1.6	85	1.6	90	3.0	95	2.3	85	2.6	75	3.9	80	4.6	3.2	17
—	0.0	—	0.7	—	1.0	—	0.0	—	0.3	—	0.0	—	0.3	—	1.0	—	0.0	—	0.0	—	0.0	—	0.0	**0.5**	18
—	0.0	—	0.0	—	0.0	—	0.0	—	0.0	—	1.0	—	1.3	90	1.6	90	1.6	—	1.0	—	1.0	—	0.3	0.6	19
—	0.0	—	0.0	—	0.0	—	0.0	—	0.7	90	2.0	—	0.7	—	1.3	90	1.6	90	2.0	—	1.3	90	2.6	1.1	20
—	0.3	—	0.0	—	0.3	—	0.0	90	1.6	90	1.6	—	1.3	—	1.0	—	1.0	—	1.0	—	1.0	—	0.7	1.2	21
60	2.0	45	3.0	55	3.6	55	4.3	55	1.6	—	0.3	15	4.9	55	3.0	50	2.0	60	2.3	55	2.6	—	0.7	1.6	22
25	6.6	30	8.2	40	7.2	35	6.6	35	6.2	30	5.9	60	4.3	70	3.9	75	4.6	70	2.0	60	2.3	—	0.7	3.3	23
—	0.0	335	2.3	325	3.3	345	2.6	5	3.0	350	4.9	—	1.3	350	6.2	350	5.2	350	4.6	345	5.2	350	4.6	2.3	24
45	5.2	50	4.3	40	3.6	45	3.0	50	3.0	—	1.3	—	1.3	—	1.0	—	1.0	—	1.3	65	2.3	60	2.0	5.2	25
80	3.6	—	1.3	—	1.3	50	3.9	55	5.6	60	3.9	60	5.2	50	3.9	45	5.2	40	5.6	30	3.9	20	2.3	4.1	26
50	8.5	35	7.2	35	6.2	35	6.9	35	6.9	30	4.6	20	7.5	5	10.8	5	9.8	5	8.5	5	8.5	5	8.5	5.3	27
5	10.8	360	9.8	5	9.2	10	8.2	10	6.6	10	7.5	5	6.6	10	4.9	5	3.9	10	3.3	350	3.0	360	3.3	8.0	28
290	8.9	300	7.2	285	9.5	295	8.5	295	8.5	305	8.2	290	8.2	305	10.2	300	8.5	300	8.5	310	10.8	315	10.8	6.7	29
10	9.5	355	8.2	20	7.9	25	6.2	5	6.6	350	6.6	5	6.9	355	5.9	350	5.9	355	3.3	20	2.6	15	3.9	8.3	30
—	**4.8**	—	4.6	—	4.4	—	4.0	—	3.9	—	3.9	—	4.1	—	4.0	—	3.6	—	**3.6**	—	3.8	—	3.7	4.0	

December, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
75	3.0	75	2.0	75	2.0	—	1.0	—	1.3	75	2.3	75	2.6	75	2.6	—	1.3	—	1.3	75	2.0	75	2.3	2.4	1
—	1.0	—	1.3	—	0.3	—	0.3	—	1.0	—	0.7	65	1.6	—	0.3	—	0.3	—	1.0	—	1.0	—	0.0	1.4	2
110	8.2	110	8.5	105	6.9	105	6.6	100	6.6	105	8.5	105	8.9	115	11.5	110	11.5	100	8.9	105	7.9	105	9.5	5.6	3
125	11.5	125	12.5	125	10.5	125	11.8	125	11.5	130	11.5	130	12.1	130	12.5	135	12.8	135	13.4	135	12.5	135	11.5	11.4	4
115	12.1	115	10.8	115	8.2	115	8.2	120	6.2	125	6.6	130	11.5	125	12.1	115	13.1	115	12.5	120	12.1	120	12.5	10.9	5
145	12.8	155	13.1	155	12.8	155	11.5	150	11.5	155	10.5	160	9.5	160	8.9	155	9.2	150	11.1	155	10.8	155	9.5	10.9	6
175	9.8	175	8.9	175	8.2	180	7.9	175	7.9	180	8.2	180	9.2	175	8.9	180	9.8	185	9.8	190	9.8	190	8.9	9.8	7
240	12.5	235	11.8	235	11.1	235	12.5	240	12.1	240	11.5	245	14.1	260	12.1	255	9.2	250	13.4	250	10.2	245	11.1	10.4	8
270	11.1	260	11.1	270	11.5	280	10.8	280	11.1	275	11.8	280	11.1	275	10.8	280	11.5	280	12.5	280	11.1	280	11.8	11.8	9
315	5.2	305	5.9	310	6.2	335	3.6	320	6.6	315	5.2	330	4.6	350	4.9	345	3.9	350	5.6	355	3.0	5	3.0	6.0	10
340	2.6	5	2.0	—	1.0	10	1.6	—	0.3	—	0.3	—	0.0	—	0.0	—	1.0	—	0.0	—	0.0	—	0.0	1.5	11
—	1.3	—	1.3	25	2.6	25	1.6	—	1.3	—	1.0	—	0.7	—	0.3	—	0.7	—	1.0	—	0.7	—	1.0	0.7	12
310	4.6	305	4.9	305	4.6	315	3.6	335	5.2	335	6.2	355	5.6	335	2.6	315	3.0	10	3.0	15	3.9	45	3.3	2.8	13
30	2.6	25	3.0	25	3.6	40	3.0	40	2.6	40	3.0	40	2.6	40	3.0	40	2.6	40	1.6	50	1.6	—	0.7	2.4	14
285	8.9	305	7.5	305	8.2	305	7.9	315	9.8	325	10.5	325	12.5	335	12.5	340	9.8	345	9.8	10	4.9	—	1.0	4.4	15
—	0.0	—	0.0	—	0.0	—	0.0	—	0.7	—	0.3	—	0.0	—	0.0	—	0.0	—	0.3	—	0.0	—	0.0	**0.2**	16
—	0.3	—	0.3	—	0.3	185	1.6	180	1.6	—	0.7	—	1.3	160	2.6	160	2.6	150	2.0	140	2.0	140	2.3	0.7	17
120	3.0	130	3.9	145	3.9	145	5.2	110	3.3	130	3.6	135	3.6	130	3.9	115	3.9	110	3.3	100	3.6	115	3.0	3.2	18
80	3.3	60	3.9	55	5.2	55	7.5	50	8.9	50	9.2	55	9.5	55	10.8	60	10.8	60	12.1	60	10.5	60	9.2	6.0	19
50	8.2	55	6.9	50	4.3	50	4.9	50	4.6	45	4.9	30	2.3	20	1.6	20	3.6	20	2.6	—	0.0	—	0.0	7.0	20
235	8.9	250	13.1	240	12.8	245	11.1	255	10.8	260	9.2	245	9.2	235	5.9	230	6.9	220	4.9	220	3.3	190	2.3	5.7	21
30	3.9	15	5.6	15	3.6	15	4.6	15	4.6	20	5.2	25	4.9	35	6.6	35	3.9	55	3.3	70	3.3	—	1.3	3.0	22
260	7.2	275	9.5	290	8.2	285	11.5	285	12.5	280	12.8	290	11.1	280	9.8	285	10.8	295	8.9	275	11.1	300	9.8	6.1	23
140	5.9	135	6.6	130	6.6	115	5.9	100	4.3	95	7.2	85	6.6	90	6.9	90	5.9	90	5.9	85	6.6	80	6.9	4.7	24
165	8.9	225	7.9	235	9.8	235	10.8	240	7.5	240	5.9	220	3.3	215	4.3	210	6.2	210	6.9	220	7.2	230	9.5	6.8	25
175	7.5	210	9.2	225	9.2	220	7.9	225	6.2	230	6.6	225	5.6	220	5.9	220	5.9	220	6.6	220	6.9	220	6.6	6.9	26
230	10.2	230	11.5	235	13.4	240	11.1	240	12.5	250	12.1	265	11.1	250	10.2	250	11.5	250	10.5	240	10.5	245	9.2	9.5	27
220	11.1	215	10.8	220	11.8	220	11.1	220	8.5	225	8.5	215	6.2	200	6.2	180	6.6	180	6.6	180	7.5	180	8.5	8.7	28
170	10.2	200	13.1	215	16.4	220	14.8	225	14.4	225	11.1	220	13.1	225	14.8	225	12.8	225	9.5	205	7.5	220	7.2	11.0	29
220	13.1	205	13.4	210	16.4	220	21.3	240	23.3	245	21.6	250	18.0	250	15.1	250	14.1	255	9.5	240	9.2	240	6.9	**13.0**	30
245	14.1	240	13.4	260	12.8	255	11.8	250	12.8	265	9.5	265	5.9	260	6.2	250	6.2	235	3.9	215	1.6	190	2.0	10.4	31
—	7.2	—	**7.5**	—	7.5	—	7.5	—	7.5	—	7.3	—	7.0	—	6.9	—	6.8	—	6.5	—	5.9	—	5.5	6.3	
—	6.3	—	6.3	—	**6.3**	—	6.2	—	6.1	—	5.8	—	5.5	—	5.2	—	5.1	—	5.0	—	4.8	—	4.7	5.3	Day.

372. Cahirciveen (Valentia Observatory) : H_a = 17 metres + 13 metres. **1925.**

Day.	Jan.		Feb.		Mar.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.
	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.
1	31	12 30	17	1 0	16	20 0	11	21 45	9	6 10	13	6 35	9	10 55	13	17 25	12	18 25	4	13 50	22	1 25	12	0 15
2	31	12 5	15	14 10	17	6 10	14	16 15	13	3 5	9	3 55	10	16 30	10	0 30	9	2 50	4	15 0	13	2 30	6	1 25
3	29	5 45	17	11 55	12	0 10	15	23 40	13	3 5	13	12 35	13	4 45	15	1 50	11	15 20	4	0 15	10	20 0	17	19 50
4	24	6 10	18	22 30	17	11 55	20	9 30	14	10 30	**16**	12 35	9	4 50	11	17 10	12	9 15	3	14 25	14	2 30	24	22 15
5	16	5 15	22	3 50	10	21 30	16	1 10	16	13 35	10	9 10	10	23 0	15	7 10	12	12 30	5	18 40	5	15 20	22	19 15
6	12	0 35	21	18 15	12	22 45	9	12 35	16	20 5	7	14 55	11	0 20	19	24 0	9	6 5	5	12 25	**22**	19 10	23	13 30
7	14	23 45	19	23 5	15	19 45	6	15 25	13	17 25	9	12 10	9	2 35	**21**	1 15	8	19 50	11	23 55	15	24 0	23	22 15
8	20	19 35	23	14 50	18	3 50	18	21 0	15	22 10	4	14 25	9	12 20	18	15 0	10	23 55	10	0 15	19	8 40	24	12 35
9	12	0 45	**35**	13 5	11	2 0	*	*	15	2 10	11	12 15	11	15 20	13	2 0	14	12 15	8	12 50	14	2 35	21	4 0
10	15	5 30	25	*	11	21 5	8	14 30	13	22 25	5	9 35	12	1 15	10	15 55	12	14 35	6	7 50	9	12 20	15	2 40
11	15	21 55	17	19 50	11	15 10	19	14 45	14	5 30	4	14 40	7	18 0	18	19 55	9	15 45	9	18 10	8	21 15	9	4 45
12	23	18 0	17	14 20	7	20 40	14	24 0	17	8 5	9	16 10	6	12 50	14	0 30	6	23 55	7	16 25	10	10 35	5	15 5
13	**33**	14 15	15	4 25	14	19 15	15	2 40	6	15 30	12	13 25	8	23 40	9	18 5	13	15 50	9	6 15	11	22 25	12	18 45
14	30	0 30	22	6 40	11	5 45	22	21 30	10	16 30	9	14 50	14	12 15	12	7 20	21	20 20	10	0 55	13	9 45	7	0 0
15	6	1 0	22	10 45	6	14 5	**24**	14 5	15	11 10	8	23 15	8	8 35	7	16 10	**30**	12 40	11	21 35	11	2 0	21	19 15
16	17	22 50	20	9 15	6	11 0	24	4 15	10	20 30	9	9 35	17	9 30	9	12 15	9	23 50	10	21 55	11	24 0	5	1 15
17	17	6 20	11	15 45	3	13 30	12	11 45	11	11 55	10	18 40	21	22 0	7	6 5	14	15 5	15	3 25	13	4 10	6	20 45
18	11	6 15	15	12 45	4	16 0	18	23 40	8	18 45	10	8 40	**22**	9 25	8	15 45	12	9 55	8	22 5	8	0 30	10	10 0
19	13	20 35	16	11 25	6	15 10	19	0 55	9	14 0	11	13 55	12	2 50	7	20 5	14	18 10	17	13 5	4	3 15	19	22 30
20	18	23 10	15	14 10	14	20 40	10	2 30	6	15 20	12	17 50	13	8 20	12	20 15	17	15 40	13	12 55	4	2 20	18	2 25
21	24	22 5	20	5 50	18	22 40	12	18 15	12	18 5	11	11 40	9	18 0	12	21 20	15	24 0	16	23 40	5	5 45	21	15 20
22	27	2 15	24	15 30	7	12 10	22	13 15	11	17 15	11	2 30	13	8 40	10	4 20	19	20 25	19	6 35	11	21 10	13	17 35
23	18	4 55	24	4 30	12	16 50	21	14 20	11	22 25	11	12 5	18	2 45	14	17 5	16	4 0	16	3 20	14	13 40	20	18 10
24	14	10 55	28	12 10	**20**	18 40	17	2 10	11	10 0	11	18 30	9	1 0	12	15 30	15	0 25	16	3 5	11	23 0	16	0 0
25	16	23 0	23	10 30	19	3 0	13	18 5	10	16 20	12	22 20	13	22 5	13	17 5	17	20 15	16	1 0	15	3 20	14	15 5
26	15	12 5	22	19 35	10	0 40	11	10 30	17	21 25	13	15 0	20	20 5	13	5 0	14	5 10	22	21 20	12	16 50	18	14 10
27	11	13 30	23	0 5	9	11 35	13	7 40	19	22 20	10	15 5	19	5 0	11	1 5	10	18 10	18	4 15	16	20 20	19	15 10
28	19	16 40	16	2 20	10	12 10	15	7 30	21	19 5	7	17 5	7	17 50	10	16 45	9	21 35	21	14 0	18	9 5	21	10 30
29	24	4 35	—	—	9	23 10	11	15 10	17	22 55	14	12 55	8	19 5	8	1 5	9	11 35	**22**	12 55	17	22 40	28	14 20
30	23	21 30	—	—	17	20 45	13	13 35	**22**	10 50	10	13 0	9	3 30	9	8 30	7	17 0	17	13 40	20	3 30	**37**	16 25
31	22	14 40	—	—	17	4 30	—	—	15	14 15	—	—	10	3 25	11	22 0	—	—	21	23 45	—	—	23	9 40

* Defective record.

DISTRIBUTION OF WIND SPEED: EXTREME VELOCITIES AS RECORDED BY THE DINES TUBE ANEMOGRAPH.

373. Cahirciveen (Valentia Observatory) : H_a = 17 metres + 13 metres. **1925.**

Month.	DISTRIBUTION OF WIND.								EXTREME VELOCITIES.							
	More than 17·2 m/s.		10·8 to 17·1 m/s.		5·5 to 10·7 m/s.	1·6 to 5·4 m/s.	0 to 1·5 m/s.	No Record.	Highest Hourly Wind.				Highest Gust.			
	Dates of Occurrence.	Duration.	No. of Days.	Duration.	Duration.	Duration.	Duration.	Duration.	Veer from N.	Speed.	Mid. Time.		Speed.	Time.		
		hr.		hr.	hr.	hr.	hr.	hr.	°	m/s.	day.	hour.	m/s.	day.	h.	m.
Jan.	1st, 13th, 14th	25	16	143	366	175	35	0	215	21	1	13	33	13	14	15
Feb.	9th	1	14	90	391	174	16	0	255	17	13	9	35	9	13	5
Mar.	—	—	5	10	328	271	135	0	5	12	25	16	20	24	18	40
April	—	—	9	67	362	226	65	0	200	15	22	14	24	15	14	5
May	—	—	6	27	357	307	53	0	235	13	30	12	22	30	10	50
June	—	—	1	3	247	348	122	0	170	12	4	13	16	4	12	35
July	—	—	4	25	216	402	101	0	265	13	18	16	22	18	9	25
Aug.	—	—	3	8	249	353	134	0	180	12	23	6	21	7	1	15
Sept.	—	—	2	18	323	330	49	0	160	15	15	13	30	15	12	40
Oct.	—	—	7	47	259	251	187	0	180	13	29	14	22	29	12	55
Nov.	—	—	6	23	247	344	106	0	115	13	6	19	22	6	19	10
Dec.	29th, 30th	7	17	139	266	233	99	0	220	22	30	16	37	30	16	25
Year	6 days	33	90	600	3,611	3,414	1,102	0	220	22	Dec. 30	16	37	Dec. 30	16	25

MINIMUM TEMPERATURE "ON THE GRASS" DURING THE INTERVAL 18H. TO 7H. G.M.T.

Readings in degrees absolute.

374. Cahirciveen (Valentia Observatory). 1925.

Day.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	74·1	73·4	76·9	**70·7**	76·7	78·7	78·7	84·1	86·8	75·7	81·5	69·1
2	*	79·1	76·9	77·0	76·9	79·7	83·3	82·7	84·1	76·9	80·0	**68·0**
3	75·5	81·2	73·5	71·3	80·5	81·9	85·8	84·5	83·1	80·1	80·2	68·1
4	74·9	78·9	71·9	78·1	77·5	82·5	83·6	83·0	80·2	85·8	80·1	76·9
5	75·5	82·5	75·9	77·1	**75·1**	82·9	**78·4**	86·7	83·9	86·5	75·9	78·5
6	**73·0**	76·8	80·0	75·4	75·9	76·8	85·9	83·1	81·1	86·4	74·6	80·4
7	78·1	73·7	81·1	74·1	78·8	**76·3**	81·5	87·3	82·1	85·1	80·2	83·5
8	79·1	82·1	75·1	73·5	79·7	77·1	80·9	81·0	81·1	82·1	77·9	80·8
9	74·0	79·7	73·7	75·6	79·8	83·1	82·5	84·7	84·3	76·8	75·1	76·7
10	78·1	79·1	73·7	76·7	78·7	80·1	86·0	79·7	81·2	74·1	74·1	77·6
11	77·8	75·7	78·5	75·4	81·7	82·6	86·0	79·3	77·2	**73·3**	69·9	76·3
12	80·3	72·5	75·3	78·7	80·4	83·3	86·3	87·3	**74·7**	75·0	70·3	70·2
13	80·5	73·6	76·7	79·7	77·3	82·1	86·8	86·7	77·5	75·9	78·6	71·9
14	79·1	73·7	80·3	77·9	76·5	84·7	85·4	85·3	83·7	79·9	79·1	72·8
15	75·2	**70·2**	80·7	78·9	81·5	84·1	84·3	79·1	85·9	77·5	79·8	71·7
16	74·1	76·9	75·9	76·5	80·3	82·7	82·7	81·4	79·7	82·8	74·7	77·5
17	81·8	75·3	79·7	76·8	77·0	83·1	84·9	81·3	82·6	85·8	75·2	77·5
18	81·3	75·7	79·7	79·8	76·4	81·4	83·1	84·0	80·2	83·6	73·0	73·5
19	81·5	75·3	73·9	76·7	77·2	82·1	84·1	85·1	82·8	83·1	69·8	77·5
20	80·8	71·1	77·5	74·9	78·7	82·3	83·5	81·5	79·5	86·5	**69·1**	75·3
21	82·1	74·7	74·1	73·5	75·7	85·1	80·1	81·3	80·9	84·0	69·1	69·9
22	82·6	70·9	70·1	79·2	80·9	80·1	83·1	84·8	82·3	83·9	73·7	72·9
23	78·5	74·5	72·1	76·3	82·7	77·5	86·5	84·1	81·9	82·8	74·6	70·5
24	74·6	73·9	78·3	77·4	82·7	79·7	86·9	85·7	79·1	80·5	70·9	73·1
25	79·1	76·1	75·7	80·1	77·1	81·9	85·9	**78·3**	81·9	79·1	77·1	75·9
26	76·5	76·1	76·7	76·7	80·5	83·7	81·4	85·9	80·9	80·9	73·7	80·1
27	77·5	77·0	**69·7**	79·5	81·3	84·7	83·9	85·2	78·8	80·6	69·7	80·1
28	74·2	76·7	78·1	77·1	79·0	82·1	82·3	86·7	85·2	79·8	76·7	76·9
29	77·5	—	71·9	74·7	80·8	84·0	85·3	86·3	86·9	81·9	75·6	81·7
30	80·9	—	79·1	74·3	79·7	84·2	82·5	80·2	85·5	82·5	76·7	76·2
31	79·1	—	78·7	—	79·5	—	84·9	86·9	—	82·5	—	78·4
Mean	77·9	75·9	76·2	76·5	78·9	81·7	83·8	83·7	81·8	81·0	75·2	75·5

NOTES :—(1) The initial 2 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.
(2) The minimum refers to the interval from 18h. the previous day to 7h. on the day to which it is entered.
(3) Annual Mean 279·1.

* No record.

375. Cahirciveen (Valentia Observatory). **January, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St : A-St.	St.	St : A-St.	10	10	10	10	7	9	...	...	●^{0}	●	...	...	p ꓘ ● early : o ● *a* and *p* : o *n* :
2	St.	St : St-Cu : A-St.	St : St-Cu.	10	9	7	6	3	5	●	...	...	...	...	...	● early : p ●▲ *a* and *p* : bc *n* :
3	St-Cu.	St : A-St.	St : A-St.	4	5	9	10	10	10	...	...	...	...	●	...	p ● early : p ●▲ *a* : o to o ● *p* : o p ● *n* :
4	St : St-Cu.	St-Cu.	St : Cu.	9	8	9	5	4	9	p●	...	...	...	...	...	p ● early and throughout day : o *n* :
5	St.	St-Cu.	St-Cu : A-Cu.	1	4	4	7	4	6	...	...	p●	...	...	...	b to c p ● *a* and *p* : p ●▲ *n* :
6	St.	St-Cu : A-St.	St-Cu.	2	5	3	2	7	9	...	...	...	...	...	...	p ●^{0} early : b or bc *a* and *p* : o *n* :
7	St.	St-Cu.	St-Cu : A-St.	10	10	8	9	10	10	...	...	()	...	...	●^{0}	c or o *a* and *p* : o ●^{0} *n* :
8	St : A-St.	St.	St : A-St.	10	10	10	10	8	9	●^{0}	●^{0}	●	...	p●	...	o with ● at times all day : o *n* :
9	St : A-St.	St-Cu.	St-Cu : A-St.	6	8	1	8	8	10	...	...	...	...	...	...	Variable sky c to b *a* and *p* : o *n* :
10	St : St-Cu : A-St.	St : St-Cu.	Fr-St : St-Cu.	10	8	9	9	6	3	...	...	...	...	...	...	c or o *a* and *p* : b *n* :
11	St : St-Cu.	St : St-Cu.	St : St-Cu.	9	10	10	9	10	8	...	...	●^{0}	●^{0}	●^{0}	...	bc early : o p ● *a* : o ●^{0} *p* : c *n* :
12	St-Cu.	St-Cu : A-St.	St : St-Cu : A-St.	10	9	10	10	10	10	...	...	...	...	...	...	A dull day : ●^{2} to o *n* :
13	St.	St : A-St.	St.	10	10	10	10	10	10	...	●	●	●	●	●^{0}	o early : ● *a*, *p* and *n* :
14	St-Cu.	St-Cu.	St : A-St.	9	3	7	8	10	10	...	...	...	...	p●	...	p ● early : o to b *a* : c to o p ● *p* : o *n* :
15	St-Cu.	St-Cu.	St-Cu.	1	3	3	3	4	4	...	...	...	...	...	...	o p ● early : bc *a* : b *p* : bc *n* :
16	St-Cu.	St : St-Cu.	St.	9	8	8	8	10	10	...	...	p●^{0}	...	●^{0}	≡^{0}●^{0}	b early : c *a* : c p ●^{0} *p* : ≡^{0}●^{0} *n* :
17	St.	St.	St : St-Cu.	10	10	10	10	9	10	...	...	...	...	...	...	●^{0} early : o all day
18	St : A-St.	St-Cu : A-St.	St.	10	10	10	10	10	10	...	...	...	...	≡^{0}●^{0}	●	o *a* : o ●^{0} *p* : o ● *n* :
19	St.	St-Cu.	St : St-Cu : A-St.	10	8	6	7	8	10	...	...	...	...	...	...	● early : o to bc *a* : c *p* : o *n* :
20	St.	St : St-Cu.	St : St-Cu : A-St.	10	10	8	7	7	9	...	...	...	...	...	...	o *a* : c *p* : o *n* :
21	St.	St : St-Cu : A-St.	St : St-Cu : A-St.	10	10	9	9	10	8	...	...	...	...	...	...	A dull day
22	St.	St : A-St.	St.	10	10	10	10	8	7	●	●	●	●	...	...	●^{2} *a* : o ● to o p ● *p* : c *n* :
23	St-Cu.	St-Cu : A-Cu.	St-Cu : A-St.	7	4	4	2	2	8	...	...	...	()	()	...	o to bc *a* : b () *p* : c *n* :
24	St.	St : A-St.	St.	10	10	10	10	10	10	●	●	●	≡^{0}●	...	...	bc early : o ● *a* : o ≡^{0}●^{0} *p* : o *n* :
25	St.	St-Cu : A-St.	Fr-St : St-Cu.	7	7	9	9	9	9	...	...	...	...	...	...	o to bc *a* : o p ●^{0} *p* : o to b *n* :
26	St.	St-Cu.	St-Cu : A-St.	2	6	7	7	10	9	...	...	...	...	...	...	b to c *a* : c *p* : o *n* :
27	St.	St : A-St.	St : St-Cu.	10	10	10	10	8	2	...	●^{0}	...	...	...	...	o ● *a* : o to c *p* : b *n* :
28	St.	St-Cu.	St-Cu.	10	9	5	3	2	4	●^{0}	...	...	...	...	...	o ● early : bc p ●^{0} *a* : b *p* : o ● *n* :
29	St.	St.	St : A-St.	10	10	10	10	9	10	...	●^{0}	●^{0}	...	...	●^{0}	● early : ●^{0} at times *a* : o ● *p* and *n* :
30	St-Cu.	St : St-Cu : A-St.	St : A-St.	10	7	10	10	10	10	...	...	...	...	...	●^{0}	● early : o to bc *a* : o *p* : o ●^{0} *n* :
31	St.	St : Fr-St : St-Cu.	St : St-Cu.	10	10	7	4	8	5	●^{0}	●^{0}	...	...	...	...	o ●^{0} *a* : b to c p ●▲ *p* : bc *n* :
Mean Cloud Am'nt				8·3	8·1	7·8	7·8	7·8	8·2							

376. Cahirciveen (Valentia Observatory). **February, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St-Cu.	St-Cu.	10	8	9	9	9	9	...	...	...	...	...	...	b early : o to bc *a* : o *p* and *n* :
2	St-Cu : St.	St : A-St.	St.	9	10	10	10	10	10	...	...	●^{0}	●	●^{0}	...	o *a* : o ● *p* : o *n* :
3	St.	St.	St.	10	10	10	10	5	3	...	...	●^{0}	●	...	...	● early : o *a* : o ● *p* to b *n* :
4	St : A-Cu.	St-Cu.	St : A-St.	8	3	8	10	10	10	...	...	...	...	...	●^{0}	bc *a* : c or o *p* : o ●^{0} *n* :
5	St.	St.	St : A-St.	10	10	10	10	10	9	●^{0}	●^{0}	●^{0}	●^{0}	...	...	o with ● or ●^{0} all day : o *n* :
6	St.	St-Cu : Cu.	St : St-Cu : A-St.	8	7	7	7	10	10	p●	...	...	...	p▲	...	bc to c all day with p ●▲ : o *n* :
7	St : A-St.	St : A-St.	St : A-St.	6	10	10	10	10	10	...	...	p●^{0}	●	●	●	p ▲ early : bc to o *a* : ● *p* and *n* :
8	St : A-St.	St.	St.	10	10	10	10	10	10	...	●^{0}	...	●^{0}	...	●^{0}	● early : o with ●^{0} all day and *n* :
9	St : A-St.	St : A-St.	St : St-Cu.	10	10	10	6	8	9	●^{0}	p●	...	...	...	●^{0}	o ● or ●^{0} *a* : bc to c p ● *p* : ●^{0} *n* :
10	St : A-St.	St.	St : A-St.	10	7	10	10	10	10	...	...	●^{0}	●	●	●	● early : c *a* : o ● *p* : and *n* :
11	St : A-St.	St-Cu : A-Cu.	St : St-Cu.	10	8	8	8	7	3	...	...	...	...	p▲^{0}	...	● early ; c *a* : p ▲, ✱ *p* : b *n* :
12	St : A-St.	St-Cu : A-Cu.	St : Fr-St : A-St.	10	9	6	6	7	10	...	...	...	...	...	●^{0}	bc early : p ▲ *a* and *p* : ●^{2} *n* :
13	Nb - A-St.	St : A-St.	St-Cu : A-Cu.	7	5	10	7	3	9	...	...	...	...	...	p●	● early : p ●▲ *a* to b () *p* : p ● *n* :
14	Cu-Nb : Cu.	St : St-Cu : A-St.	St-Cu.	9	8	8	8	5	1	...	...	...	...	...	...	p ●▲ early : c *a* : c p ▲ *p* : b *n* :
15	Cu : A-St.	St-Cu : Cu.	St-Cu.	9	8	9	9	9	9	...	...	...	...	...	...	b early : c p ▲ *a* : p ●^{0} *p* : o *n* :
16	St-Cu : A-St : Ci-St.	St : St-Cu.	St-Cu.	8	8	6	7	3	1	...	...	...	...	...	...	p ● early : p ●▲ *a* and *p* : b *n* :
17	St : Nb.	St-Cu.	St-Cu : Ci-St.	8	3	3	4	6	2	...	...	...	...	...	...	p ● early : b *a* : c p ● *p* : b *n* :
18	St-Cu.	St : St-Cu.	St : St-Cu.	7	3	7	4	5	3	...	...	p●	...	p●	...	o to b *a* : p ● *p* : b *n* :
19	St-Cu : A-St : Ci-St.	St-Cu.	St-Cu.	9	8	3	3	3	2	...	...	...	...	...	...	p ● *a* : b to c p ▲ *p* : b *n* :
20	St : A-St.	St : A-St.	St.	10	10	10	10	10	10	...	...	●^{0}	●	●	●^{0}	b early : o () *a* : ● *p* : ●^{0} *n* :
21	Cu : A-St.	Cu.	Cu-Nb.	8	7	4	8	7	1	p▲	...	...	...	...	...	bc early : p ▲ *a* : bc *p* : b *n* :
22	St-Cu : A-St.	St-Cu : A-St.	St.	10	10	10	10	10	10	...	...	●	●	●^{2}	●	bc to o *a* : o ● or ●^{2} *p* and *n* :
23	St-Cu : A-St.	St : St-Cu.	St-Cu : A-St.	9	9	7	6	4	4	...	...	p▲	...	...	...	● early : o p ▲ *a* and *p* : bc *n* :
24	St.	St : St-Cu : A-St.	St-Cu : Ci-St.	10	9	8	7	8	10	...	...	p▲	p▲	p▲	...	● early : cp ▲ q *a* and *p* : o *n* :
25	St-Cu : A-St.	St-Cu.	St : A-St.	9	10	3	7	10	10	...	p●	...	...	...	...	bc early : p ●▲ *a* : p▲ *p* : o *n* :
26	Cu : St-Cu : A-St.	St-Cu.	St-Cu.	9	9	7	10	7	7	...	p●	...	p▲	p▲	...	o p ● *a* : p ▲ q *p* : c q *n* :
27	St-Cu : Cu : A-St.	St : St-Cu.	St-Cu.	9	6	6	7	3	3	...	...	p▲	...	...	...	p ●▲ early : bc *a* : c p ▲ *p* : b *n* :
28	Cu : Cu-Nb : A-St.	St : A-St.	St-Cu : A-St : A-Cu.	8	6	10	9	8	9	...	...	●	...	...	...	p ● early : bc to o ● *a* : o *p* and *n* :
Mean Cloud Am'nt				8·9	7·9	7·8	7·9	7·4	6·9							

Day. | 7h | 13h | 18h | Cloud Forms. | 7h | 9h | 13h | 15h | 18h | 21h | Cloud Amount (All Forms). | 7h | 9h | 13h | 15h | 18h | 21h | Weather. | Remarks.

377. Cahirciveen (Valentia Observatory). **March, 1925.**

Day.	Cloud Forms. 7^{h}	Cloud Forms. 13^{h}	Cloud Forms. 18^{h}	Cloud Amount (All Forms). 7^{h}	9^{h}	13^{h}	15^{h}	18^{h}	21^{h}	Weather. 7^{h}	9^{h}	13^{h}	15^{h}	18^{h}	21^{h}	Remarks.
1	St-Cu.	St-Cu : Fr-Cu.	St-Cu.	6	5	8	7	5	9	...	...	...	...	...	...	bc *a* : c *p* and *n* :
2	St-Cu : St.	St : St-Cu.	St-Cu.	8	8	7	7	6	7	...	...	...	...	...	...	b early : c *a* : c to bc *p* : c *n* :
3	St : A-St.	St-Cu.	St-Cu.	4	4	2	4	5	1	...	...	...	...	...	...	b early : bc *a* and *p* : b *n* :
4	St.	St-Cu : A-St.	St-Cu.	3	2	5	6	5	8	...	...	...	...	...	...	b *a* : b to c *p* : c *n* :
5	St-Cu : A-St.	St : St-Cu : A-St.	St-Cu.	9	10	10	10	8	10	...	...	()	...	...	...	bc early : o *a* : o () *p* : o *n* :
6	St-Cu.	St-Cu.	St : St-Cu.	10	10	8	8	6	9	...	...	...	...	...	...	o *a* : bc *p* : o *n* :
7	St.	Cu : St-Cu.	St-Cu.	10	9	9	10	9	9	●^{0}	...	...	...	...	...	≡^{0} ●^{0} early : o p ●^{0} *a* : o *p* and *n* :
8	Cu.	Cu : Nb.	Cu.	2	2	8	2	4	5	...	...	...	...	...	...	p ● early : bc to o p ●▲ *a* : bc *p* : cp ●▲ *n* :
9	St : St-Cu : A-St.	St : St-Cu.	St : St-Cu.	8	8	8	9	8	9	...	...	...	...	...	...	p ● early : bc to p ▲ *a* : c *p* : o *n* :
10	St : A-St.	St-Cu.	St-Cu.	9	6	4	2	2	9	...	...	...	...	...	...	bc *a* and *p* : o *n* :
11	St-Cu : St.	St : St-Cu.	St : St-Cu.	10	8	7	5	7	10	...	...	...	...	...	...	p ●^{0} early : c *a* : bc *p* : o *n* :
12	St.	St-Cu.	St-Cu.	1	6	7	4	7	10	...	...	()	()	...	...	bc *a* : bc () *p* : o *n* :
13	St-Cu : A-St.	St : A-St.	St : A-St.	10	9	10	10	10	10	...	...	...	...	●^{0}	●^{0}	bc early : o *a* : o ●^{0} *p* and *n* :
14	St : A-St.	St : St-Cu.	St : St-Cu.	10	9	5	8	10	10	●^{0}	...	...	...	...	...	●^{0} early : o to bc *a* : bc *p* to o *n* :
15	St.	St-Cu.	St-Cu.	10	8	8	5	3	—	...	...	...	...	...	...	c *a* : bc *p* : b *n* :
16	St-Cu.	St : A-St.	St : A-St.	10	10	10	10	10	10	...	...	...	...	...	...	b early : o *a* and *p* : o ●^{0} *n* :
17	St-Cu : A-St.	St : St-Cu : A-St.	St-Cu : A-St.	10	10	10	10	10	10	...	...	...	...	...	...	●^{0} early : o all day :
18	St-Cu.	St-Cu.	St-Cu.	10	10	10	8	6	2	...	...	...	...	...	...	o *a* and *p* : c to b *n* :
19	St-Cu.	St-Cu.	St-Cu.	9	9	8	8	7	10	...	...	...	...	...	...	b early : o or c *a* : c *p* : o *n* :
20	Cu : A-St.	St-Cu : Cu.	St-Cu : Cu.	8	9	6	4	4	2	...	...	...	...	...	...	p ● early and *a* : bc *p* : c p ● to b *n* :
21	Cu : Cu-Nb.	St-Cu.	St-Cu.	4	8	5	4	2	1	...	...	()	()	()	...	p ● to bc *a* : bc () *p* : b *n* :
22	St-Cu.	Cu.	Ci-St.	1	1	3	3	1	1	()	()	()	...	...	...	Fine all day.
23	St-Cu.	St : St-Cu : A-St.	St : A-St.	9	8	10	10	8	10	...	...	...	p●	p●	...	p ● early and *p* : c *a* : o *n* :
24	St-Cu.	St-Cu.	St-Cu.	9	8	7	7	3	2	...	...	...	...	...	...	p ●^{0} early : bc *a* : cp ▲ *p* : b *n* :
25	St-Cu : Cu-Nb.	St-Cu.	St-Cu.	7	8	6	4	6	3	...	p●	...	...	...	...	bc early : op ● *a* : bc *p* : b *n* :
26	St-Cu.	St-Cu.	St-Cu.	8	5	4	3	3	—	...	...	...	...	...	...	b c *a* : b, () at times *p* : b *n* :
27	St.	St-Cu.	St-Cu : A-Cu : A-St.	1	—	1	1	5	9	⌴	...	()	()	()	...	⌴ early : b *a* : b () *p* : o *n* :
28	St-Cu : Cu : A-St.	St-Cu.	St-Cu : A-Cu : Ci-St.	9	6	6	6	7	2	●^{0}	...	()	()	()	...	●^{0} early : bc () *a* and *p* : b *n* :
29	Ci.	St-Cu.	St-Cu.	8	9	10	10	10	10	⌴	...	...	...	...	...	⌴ early : o all day.
30	St-Cu.	St-Cu : A-St.	St-Cu : A-St.	10	9	8	8	8	10	...	...	...	...	...	...	o p ● to bc *a* : c *p* : o *n* :
31	St : A-St.	St : St-Cu : A-St.	St-Cu.	10	9	10	8	6	2	●^{0}	...	p●^{0}	...	...	...	o ● to p ●^{0} *a* : bc *p* : b *n* :
Mean Cloud Am'nt				7·5	7·2	7·1	6·5	6·2	6·5							

378. Cahirciveen (Valentia Observatory). **April, 1925.**

Day.	Cloud Forms. 7^{h}	Cloud Forms. 13^{h}	Cloud Forms. 18^{h}	Cloud Amount (All Forms). 7^{h}	9^{h}	13^{h}	15^{h}	17^{h}	21^{h}	Weather. 7^{h}	9^{h}	13^{h}	15^{h}	18^{h}	21^{h}	Remarks.
1	A-Cu : Ci-St.	St-Cu : A-Cu :Ci-St.	St-Cu : Cu : A-St.	6	2	5	8	7	9	⌴	...	...	...	...	...	⌴ early : bc *a* : c *p* : o p ●^{0} *n* :
2	St : A-St.	St-Cu : A-Cu	St-Cu.	9	8	7	7	3	2	...	...	...	...	...	...	p ●^{0} early : c *a* : bc p ●^{0} *p* : b *n* :
3	A-Cu.	St-Cu : Ci-St.	St-Cu : A-Cu : Ci-St.	1	1	5	5	8	9	...	...	...	()	...	...	⌴ early : b *a* : bc () *p* : o *n** :
4	St : A-St.	St : A-St : A-Cu.	St-Cu.	10	10	9	5	8	1	●	●	...	...	p●^{0}	...	● *a* : bc to c p ●^{0} *p* : b *n* :
5	St : St-Cu.	Cu.	Cu-Nb. : A-St.	8	8	8	8	8	7	p●	p●	...	...	...	...	cp ● *a* and *p* : c *n* :
6	St-Cu : A-St.	St-Cu : A-Cu : A-St.	St-Cu.	7	7	7	7	7	3	...	...	...	...	...	...	Cloudy during day : b *n* :
7	St-Cu : A-Cu.	St-Cu.	St-Cu : A-Cu.	3	2	3	3	3	2	⊓	...	...	...	...	...	⊓ early : fine all day.
8	St-Cu : A-St.	St : St-Cu : A-St.	St : A-St.	5	5	10	10	10	10	⊓	...	...	●	●^{0}	●^{0}	⊓ early : bc to o *a* : ● *p* : ●^{0} *n* :
9	St.	St : A-St : Ci-St.	St-Cu : A-St.	2	6	8	10	5	3	...	...	...	...	...	...	● early : c *a* : o to bc *p* : b *n* :
10	St-Cu : A-St.	Cu.	Cu.	6	9	4	2	2	—	...	p●^{0}	...	...	...	...	p ● early to bc late *a* : b *p* and *n* :
11	St-Cu : A-St : A-Cu.	St : A-St.	St : A-St.	8	8	10	10	10	10	...	...	...	...	●	●	Fine with ⊓ early : o *a* : ● *p* and *n* :
12	St-Cu.	St-Cu : A-Cu.	St.	8	9	8	9	10	10	...	...	...	...	≡^{0}●^{0}	●^{0}	●^{2} early : bc *a* : o ●^{0}≡^{0} *p* : ●^{0} *n* :
13	St.	St : St-Cu.	St-Cu : A-Cu.	9	7	6	10	8	10	...	...	...	p●^{0}	p●^{0}	...	●^{0} early : bc p ●^{0} *a* : o p ●^{0} *p* : o *n* :
14	St.	St.	St.	10	10	10	10	10	8	●	●	●	●^{0}	●^{0}	...	o ● *a* : o ●^{0} *p* : c *n* :
15	St : A-St	Cu : St-Cu.	St-Cu.	10	9	3	5	4	2	...	...	...	...	...	...	p ●^{0} early : p▲ to b *a* : bc p ▲ : b *n* :
16	St-Cu.	St-Cu.	St-Cu : A-Cu.	8	8	5	3	5	3	p●	...	...	...	...	...	p ● early and *a* : bc *p* : b *n* :
17	St : A-St.	St.	Fr-St : St-Cu : A-St.	10	10	10	10	10	10	...	...	...	...	...	...	p ●^{0} early : o ●^{0} *a* and *p* : o *n* :
18	St : A-St.	St : St-Cu. ...	St-Cu.	10	9	8	7	6	8	...	...	p●	...	...	p●	● early : o p ● *a* : c p ● *p* and *n* :
19	St.	St-Cu.	St : Cu : A-Cu.	9	9	9	9	8	7	●^{0}	...	...	●^{0}	...	...	● at times *a* : ●^{0} *p* : bc *n* :
20	Fr-Cu : A-St.	St-Cu : Cu.	—	2	1	3	3	—	1	...	...	...	...	...	...	A fine day
21	Cu.	St-Cu : A-St.	St : A-St.	1	8	10	10	10	10	...	...	...	...	...	≡^{0}●^{0}	b ⊓ early : c *a* : o *p* : ≡^{0} ●^{0} *n* :
22	St : St-Cu : A-St.	St : A-St.	St.	10	10	10	10	10	10	...	...	●	●	●	...	≡^{0} early : o to o ● *a* : ● *p* and *n* :
23	St : St-Cu.	St-Cu.	St-Cu.	8	7	7	2	2	10	p●	...	...	...	...	...	p ● early : bc *a* : bc to p ●▲ *p* : op ▲ *n* :
24	Fr-St : St-Cu.	St : St-Cu : A-St.	St : St-Cu.	8	8	8	10	9	9	...	...	...	...	...	...	bc p ● ▲ early : c *a* and *p* : bc *n* :
25	St.	St : St-Cu : Ci-Cu.	Fr-St : St : St-Cu.	10	10	8	8	7	4	≡^{0}●^{0}	...	...	...	...	...	≡^{0}●^{0} early : o *a* : c *p* : bc *n* :
26	St-Cu.	Cu.	Cu : St.	9	8	8	8	7	9	...	...	...	...	...	...	c *a* : bc *p* : o ●^{0} *n* :
27	St.	St : St-Cu.	St-Cu.	10	10	8	7	7	9	≡^{0}●^{0}	≡^{0}	...	...	...	●^{0}	≡^{0}●^{0} *a* : c *p* : o ●^{0} *n* :
28	St : A-St.	St-Cu.	St-Cu.	8	3	5	4	1	1	...	...	...	...	...	...	p ● early : bc *a* to b *p* and *n* :
29	St-Cu : A-Cu.	St-Cu.	St-Cu.	3	8	4	4	2	2	...	...	()	()	()	...	b ⊓ early : bc *a* and *p* : b *n* :
30	St : St-Cu.	St-Cu : A-Cu.	St-Cu.	8	8	8	8	4	1	p●^{0}	...	...	...	...	...	c p ●▲ *a* and *p* : bc *n* :
Mean Cloud Amn't				7·2	7·3	7·1	7·1	6·4	6·0							

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379. Cahirciveen (Valentia Observatory). **May, 1925.**

Day.	Cloud Forms. 7^h	Cloud Forms. 13^h	Cloud Forms. 18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	St-Cu : Cu.	St-Cu : Cu.	St-Cu : Cu : A-Cu.	5	3	7	7	7	9	...	...	...	...	...	...	b ⌓ early to o p ●▲ : bc *a* : c *p* : o *n* :
2	St-Cu : Ci-Cu : Ci-St	St-Cu : Ci-St.	St-Cu : A-St.	8	8	10	9	9	10	⌓	...	...	...	...	...	⌓ early : c *a* : o *p* and *n* :
3	St.	St.	St : St-Cu.	10	10	10	10	10	9	≡^{0}●^{0}	≡^{0}●^{0}	●^{0}	...	...	...	≡^{0}●^{0} *a* : ●^{0} *p* : o *n* :
4	St-Cu.	St-Cu : Cu.	St-Cu : A-Cu.	4	6	7	10	7	7	...	...	...	p●	...	...	p ● early to bc *a* : c p ● *p* and *n* :
5	St.	St : A-St.	St : A-St.	10	10	10	10	10	8	p●	p●	●	●	...	...	p ● early : ● *a* and *p* : c p ● *n* :
6	St : Sr-Cu : A-Cu.	St-Cu : A-Cu.	St : St-Cu : A-St.	7	7	4	10	8	8	...	...	...	p●	...	...	p ● early : bc *a* : cp ● *p* and *n* :
7	St : A-St.	St : St-Cu : A-St.	St : A-St.	10	9	10	9	10	10	●^{0}	...	p●	p●	p●	...	o p ● *a* : o p ● T *p* : o p ● *n* :
8	St : St-Cu : A-Cu.	St : St-Cu. : A-Cu.	St-Cu : St.	8	9	7	8	9	10	...	...	...	...	...	●	o *a* : c *p* : o ● *n* :
9	Fr-Cu : St-Cu.	St-Cu : A-St.	St : St-Cu : A-St.	7	8	8	9	10	9	...	...	...	...	...	...	bc early : c p ● *a* and *p* : o *n* :
10	Fr-St : St-Cu.	Cu : A-St.	Cu : A-St.	8	5	8	8	10	10	...	...	...	...	...	●	p ● early : bc *a* : c *p* : o ● *n* :
11	St : A-St.	St.-Cu	St : St-Cu.	10	9	9	10	9	9	...	...	...	...	...	...	● ≡^{0} early : o all day :
12	St.	St.	St : St-Cu : A-Cu.	10	10	10	10	6	7	●	●^{0}	●	...	...	...	o ●^{0} *a* and *p* : c *n* :
13	St-Cu.	St : A-St.	St : St-Cu.	10	10	10	10	7	10	...	...	●^{0}	●	...	...	bc early : o *a* : o ● *p* : o *n* :
14	St-Cu : Ci-St.	St-Cu : Cu.	St : St-Cu.	8	7	4	3	8	10	⌓	...	...	...	...	...	bc ⌓ early : c *a* : b *p* : o ≡^{0}●^{0} *n* :
15	St : St-Cu.	St.	St	9	9	10	10	10	10	...	...	≡^{0}	≡^{0}●^{0}	...	...	≡^{0}●^{0} early : o ● *a* and *p* : o *n* :
16	St.	St : St-Cu : A-St.	St-Cu.	10	10	10	8	3	7	p●	●	...	...	...	...	o ●^{2} *a* : bc *p* and *n* :
17	St-Cu.	Cu : A-Cu.	Cu : Ci.	8	5	8	6	7	7	...	...	...	...	...	...	bc *a* and *p* : c *n* :
18	Ci-St.	St-Cu : Ci-Cu.	St-Cu.	1	3	4	5	7	4	⌓	...	...	...	...	...	⌓ early : bc *a* and *p* : c *n* :
19	St : A-Cu.	St-Cu : A-Cu.	St-Cu.	7	9	7	7	6	10	...	...	...	...	...	...	bc ⌓ early : o *a* : cp ●^{0} *p* : o *n* :
20	St-Cu : A-Cu.	St-Cu : A-Cu.	St-Cu : A-Cu.	7	7	7	7	5	8	...	...	...	...	...	...	bc ⌓ early : c *a* and *p* : bc *n* :
21	St : St-Cu.	St.	St.	8	10	10	10	10	10	...	●^{0}	●^{0}	●	●^{0}	...	o ●^{0} *a* : o ● *p* : o ●^{0} *n* :
22	St : Nb : A-St.	St : A-St.	St-Cu : A-St.	10	10	10	10	10	10	●^{0}	...	●^{0}	...	...	●^{0}	o with ● at times all day.
23	Fr-St : St-Cu.	St-Cu : A-St.	St-Cu.	9	8	10	8	6	9	...	...	...	...	...	...	●^{0} early : c *a* : o ●^{0} to bc *p* : o *n* :
24	St : St-Cu : A-St.	St-Cu.	St : St-Cu.	9	8	9	9	9	2	...	()	...	...	p●^{0}	...	c () *a* : o p ●^{0} *p* : bc *n* :
25	St : St-Cu : Ci-Cu.	St : St-Cu.	St : St-Cu.	5	8	8	7	6	3	⌓	...	...	...	...	...	b ⌓ early : bc *a* : c *p* : bc *n* :
26	St : A-St.	St.	St.	10	10	10	10	10	10	...	●	●	●^{0}	●	●	b early : o with ● all day.
27	St : St-Cu.	St : St-Cu : A-Cu.	St : St-Cu.	8	8	8	9	8	8	...	...	...	...	p●	p●	● early : c *a* : c p ● *p* and *n* :
28	St : St-Cu : A-Cu.	St : A-St.	St : St-Cu.	7	7	10	10	8	10	...	...	...	...	p●	p●	p ● early : bc *a* : o p ● *p* and *n* :
29	St : A-St.	St : A-St.	St.	10	10	10	10	9	9	p●^{0}	●^{0}	...	●	...	...	o with ● at times all day.
30	St : St-Cu.	St-Cu.	St-Cu.	8	7	5	6	5	4	...	...	...	...	...	...	o p ● early : c *a* : c p ● to b *p* : [c p ● *n* :
31	St-Cu.	Cu.	St-Cu.	7	6	8	7	5	8	...	...	...	...	...	...	o p ● early : bc *a* : bc p ● *p* : c p ●^{0} *n* :
Mean Cloud Am'nt				8·0	7·9	8·3	8·5	7·9	8·2							

380. Cahirciveen (Valentia Observatory). **June, 1925.**

Day.	Cloud Forms. 7^h	Cloud Forms. 13^h	Cloud Forms. 18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.
1	Cu-Nb : A-Cu.	Cu.	St-Cu.	4	4	3	6	3	10	...	()	...	...	...	...	c p ● early to b *a* : bc *p* and *n* :
2	St : St-Cu.	St-Cu.	St-Cu : A-Cu.	10	9	9	3	7	9	p●^{0}	...	...	...	...	...	p ●^{0} early : c *a* : bc *p* : o *n* :
3	St : St-Cu : A-St.	St.	St.	10	10	10	10	10	10	...	...	...	...	●^{0}	≡^{0}	o ●^{0} to o *a* : o *p* : ●^{0}≡^{0} *n* :
4	Fr-St : A-Cu.	St-Cu : A-Cu.	St-Cu : A-Cu.	7	7	6	6	6	9	...	...	...	...	...	...	≡^{0} early : c *a* : bc *p* : o *n* :
5	St : St-Cu.	St : A-St.	St : A-St.	10	10	10	10	10	9	...	...	...	...	●^{0}	...	o *a* : o to o ●^{0} *p* : o p ●^{0} *n* :
6	St-Cu : Ci-Cu.	Cu : Ci.	Ci-Cu.	6	7	2	2	3	6	...	...	...	...	...	...	bc *a* : b *p* : bc *n* :
7	Ci-Cu.	Ci.	Ci-St.	1	1	4	3	1	2	...	—	...	...	()	...	b () *a* : bc *p* : b ⌓ *n* :
8	—	A-Cu.	—	—	—	1	—	—	—	...	...	...	...	...	...	⌓ early : a fine day.
9	Ci-St.	Ci-St.	A-St.	6	7	5	6	8	3	...	...	...	...	...	...	⌓ early : fair or fine all day.
10	A-Cu.	—	—	3	2	—	—	—	1	∞	∞	...	...	∞	∞	⌓ early : fine with ∞ all day.
11	—	—	A-Cu.	—	—	—	—	2	5	⌓	⌓ ∞	∞	∞	∞	∞	⌓ early : fine with ∞ all day.
12	A-Cu : A-St.	Cu : A-Cu.	—	7	7	3	1	—	1	∞	∞	∞	∞	∞	∞	⌓ early : c ∞ *a* : b ∞ *p* and *n* :
13	St-Cu : A-Cu.	St-Cu.	St-Cu.	4	8	3	2	2	9	∞	∞	...	()	()	...	⌓ early : bc ∞ *a* : b () *p* : c *n* :
14	St.	Cu.	Fr-St.	10	9	3	2	1	3	...	...	...	...	...	...	bc early : c *a* : b *p* : bc *n* :
15	St.	St.	St : A-St.	10	10	10	10	9	8	...	...	...	...	...	...	bc early : o *a* and *p* : c or o *n* :
16	St : St-Cu : A-Cu.	St : St-Cu : A-Cu.	St.	8	10	8	8	10	8	...	...	...	...	...	...	c *a* : o to o ●^{0} *p* : c *n* :
17	St : St-Cu.	St : St-Cu : A-St.	St : St-Cu.	8	10	10	9	8	3	...	...	...	...	...	...	bc early : o *a* and *p* : bc *n* :
18	St : St-Cu.	St : St-Cu.	St-Cu.	8	8	8	8	9	10	...	...	...	...	...	...	b early : c *a* and *p* : o *n* :
19	St-Cu : Ci-Cu.	Cu : Fr-Cu : Ci-St.	St-Cu : Ci-St.	7	7	2	5	8	8	...	...	...	()	...	...	c or o *a* : bc *p* : c *n* :
20	St.	St.	St : St-Cu : A-Cu.	10	10	9	8	8	10	...	...	...	...	...	...	≡^{0} and ●^{0} early : o or c all day.
21	St : A-Cu.	Cu : St : A-St.	St-Cu.	4	7	8	7	7	6	...	...	...	...	...	...	≡^{0} early : bc *a* : c *p* : bc *n* :
22	Ci-Cu.	Ci-Cu : Ci-St.	Cu : Ci-St.	6	4	3	2	2	1	...	...	...	()	()	()	bc *a* : b () *p* : b *n* :
23	St-Cu : Ci.	St-Cu : Cu.	St-Cu.	5	5	3	2	7	7	...	...	...	()	...	...	() ⌓ early : bc *a* : b () *p* : bc *n* :
24	Ci-Cu : Ci-St.	St-Cu : Ci-Cu : Ci-St	St-Cu : A-Cu : Ci-St	6	6	6	6	7	7	...	...	...	...	...	...	bc *a* and *p* : c *n* :
25	St-Cu : Ci-Cu.	St-Cu : Ci-Cu : Ci-St	St-Cu : Ci-St.	8	5	3	4	3	8	...	...	()	()	...	...	b early : bc *a* : bc () *p* : c *n* :
26	St-Cu.	St-Cu : A-Cu : A-St.	St-Cu : A-Cu : A-St.	10	8	8	8	8	10	...	...	()	...	...	●^{0}	o to c () *a* : c *p* : o ●^{0} *n* :
27	St.	St-Cu.	St : St-Cu : A-Cu.	10	9	9	9	7	4	...	...	...	...	...	...	o ●^{0} early : c or o *a* and *p* : bc *n* :
28	Fr-Cu : A-Cu.	St-Cu : A-St.	St-Cu.	6	9	9	8	9	9	...	...	...	...	...	...	bc to o *a* : c *p* : o *n* :
29	St : St-Cu.	St : St-Cu : A-Cu.	St : St-Cu : A-Cu.	10	10	8	7	10	10	●^{0}	...	...	...	...	≡^{0}●^{0}	o ●^{0} *a* : c *p* : o ≡^{0}●^{0} *n* :
30	St : St-Cu.	St-Cu : A-Cu.	St-Cu : A-Cu.	10	9	7	8	6	3	...	...	...	...	()	()	● ≡^{0} early : c *a* : c () *p* : bc () *n* :
Mean Cloud Am'nt				6·8	6·9	5·7	5·3	5·7	6·3							
Day.	Cloud Forms. 7^h	Cloud Forms. 13^h	Cloud Forms. 18^h	Cloud Amount (All Forms). 7^h	9^h	13^h	15^h	18^h	21^h	Weather. 7^h	9^h	13^h	15^h	18^h	21^h	Remarks.

381. Cahirciveen (Valentia Observatory). **July, 1925.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St : St-Cu : A-St.	St : St-Cu : A-St.	St : St-Cu : A-St.	8	9	10	10	10	10	...	...	()	()	()	●^{0}	b ⌓ early : o () a and p : o ●^{0} n :
2	Fr-Cu : St-Cu.	St-Cu : A-Cu.	St-Cu : A-St.	7	7	7	5	8	8	...	...	()	()	()	...	●^{0} early : c () a : bc () p : c n :
3	St.	St.	St.	10	10	10	10	10	10	...	...	...	...	...	...	Dull and overcast all day.
4	St.	St : A-St.	St-Cu : A-St.	10	10	10	10	10	10	●^{0}	...	...	...	...	...	o ●^{0} a : c or o p and n :
5	Fr-Cu : Ci-Cu.	Cu : Ci-Cu.	St-Cu.	6	6	2	5	8	10	...	...	...	...	...	...	o early : bc a and p : o ●^{0} n :
6	St.	St : St-Cu.	St : A-St.	10	10	8	8	10	10	...	...	...	...	●^{0}	...	●^{0} at times a : c p : o ●^{0} n :
7	St-Cu.	St-Cu : Cu : A-Cu.	St-Cu : Ci-Cu : Ci-St	7	3	4	3	6	10	...	...	...	()	()	()	o early : bc a : b () p : o n :
8	St-Cu : A-St : A-Cu.	St-Cu : A-St.	St-Cu : Cu.	8	6	8	5	8	10	()	()	()	...	...	...	o early : bc () a : bc () to o p : o n :
9	St : A-St.	St : A-St.	St.	10	10	10	10	10	10	...	...	●^{0}	●	●	●	o a : o ● p and n :
10	St.	St.	St.	10	10	10	10	10	10	●^{0}	...	...	...	≡^{0}	≡^{0}	o with ●^{0} and ≡^{0} all day.
11	St.	St.	St.	10	8	10	7	10	10	≡^{0}	...	...	...	≡^{0}	...	≡^{0} early : o a : c p : o ≡^{0} n :
12	St.	St : St-Cu.	St : St-Cu.	9	9	10	8	9	8	...	...	...	...	...	...	≡^{0} early : o a : c p and n :
13	St.	St : St-Cu : A-St.	St : St-Cu.	10	10	8	8	8	10	...	...	...	...	...	...	≡^{0} early : o or c all day.
14	St.	St.	St.	10	10	10	10	10	10	●^{0}	...	●	●	●	≡^{0}●^{0}	o ●^{0} a : o ● p : o ≡^{0} ●^{0} n :
15	St : St-Cu.	St-Cu : Cu : Ci-St.	St-Cu : A-Cu : A-St.	10	10	7	5	4	8	...	...	...	()	()	()	≡^{0}●^{0} early : c a : bc () p : c () n :
16	St.	St.	St : St-Cu.	10	10	10	10	10	10	●	...	●^{0}	●^{0}	...	...	o ● a : o ●^{0} p and n :
17	St.	St.	St : A-St.	10	10	10	10	10	10	...	...	●^{0}	...	...	...	o a : o ●^{2} p : o p ● n :
18	Fr-St : St : A-St.	St : A-St.	St.	10	10	10	10	10	10	...	...	●	●	●	●^{0}	o p ● a : o ● p and n :
19	St : A-St.	St : St-Cu.	St-Cu.	10	8	8	9	8	10	●	...	...	...	...	...	o ● to c a : o p ●^{2} p : o p ●^{2} n :
20	St : St-Cu.	St-Cu.	St-Cu : A-Cu.	8	7	6	7	5	1	...	...	...	...	...	...	c a : bc to c p ●^{0} p : b n :
21	St-Cu : Ci-Cu : A-Cu	St-Cu : A-Cu.	St-Cu : A-Cu.	4	8	7	7	8	8	⌓	...	...	...	...	...	b ⌓ early : c a and p : bc n :
22	St : A-St.	St : A-St.	St : A-St.	10	10	10	9	8	10	...	...	...	...	...	...	b ⌓ early : overcast all day.
23	St : A-St.	St : A-St.	St : A-St.	10	10	10	8	10	10	...	...	...	...	...	...	o p ● early : o a : c p : o n :
24	St : A-Cu :	St-Cu.	St-Cu : A-Cu.	7	5	3	7	8	8	...	...	∞	∞	∞	∞	o early : bc ∞ a and p : c ∞ n :
25	St : St-Cu.	St : A-St.	St.	9	10	10	10	10	8	...	...	●	●	●	...	o a : o ● p : c p ● n :
26	St-Cu : Cu-Nb : Cu.	St-Cu : A-St.	St : St-Cu.	6	8	10	10	9	10	...	...	●^{0}	...	...	...	c p ● a : o p ● p and n :
27	St-Cu.	St-Cu.	St-Cu.	10	10	8	6	6	8	...	...	...	...	...	...	o to c a : bc p : c n :
28	St : St-Cu.	St : St-Cu.	St : A-St.	8	9	8	10	10	10	...	...	...	...	...	...	c or o a : o p : o ≡^{0} ●^{0} n :
29	St : A-St.	St : A-St.	St.	10	10	10	7	10	7	●^{0}	...	...	()	●^{0}	...	o ●^{0} early : c or o a : o ●^{0} p and n :
30	St : St-Cu.	St : St-Cu : A-Cu.	St : A-St.	8	8	7	8	10	10	...	...	...	...	●	●	●^{0} early : c a to o ● p and n :
31	St : St-Cu.	Cu : St-Cu.	Cu : St-Cu.	9	3	6	9	9	10	...	...	...	...	...	...	o early : bc a to o p and n :
Mean Cloud Am'nt				8·8	8·5	8·3	8·1	8·8	9·2							

382. Cahirciveen (Valentia Observatory). **August, 1925.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St-Cu : A-Cu.	St-Cu.	9	8	4	4	6	8	p●	p●	...	...	...	...	o p ● to b a : bc p : c n :
2	St-Cu.	Cu : St-Cu.	Cu : St-Cu.	6	8	7	8	9	10	...	...	...	...	...	...	bc to o p ● a : c p : o ● n :
3	St.	Cu.	St-Cu : A-Cu.	10	10	1	4	3	3	●	●^{0}	...	...	...	...	o ●^{0}≡^{0} a : bc or b p and n :
4	St-Cu : Ci-St.	St-Cu.	St : St-Cu.	8	7	8	6	7	10	...	...	...	...	...	●^{0}	b ⌓ early : c a : bc p : o ●^{0} n :
5	St : St-Cu.	St : A-St.	St-Cu.	10	10	10	6	5	7	●	...	...	...	...	()	o ● a : bc p : c () n :
6	Fr-St : Cu : St-Cu.	Cu : St-Cu : A-Cu.	St : St-Cu : A-St.	6	8	7	10	10	10	...	...	...	...	●^{0}	...	b ⌓ early : c p ● : o ●^{0} p : o p ●^{0} n:
7	St : St-Cu.	St-Cu : A-St.	Cu : Ci-Cu.	8	8	9	3	4	7	...	...	...	...	...	...	o p ● early : c a : bc p : c n :
8	Fr-St : St-Cu : A-Cu	St-Cu : A-St.	St.	8	8	10	10	10	10	...	...	...	()	...	●	b ⌓ early : c a : o () to o ● p and n:
9	Fr-St.	St-Cu : Cu : A-St.	Fr-St : St : St-Cu.	2	4	5	6	9	6	...	...	...	...	...	...	bc a and p : c n :
10	Cu : Ci-Cu.	St-Cu : A-Cu.	St-Cu : Cu.	6	8	5	4	3	2	...	...	()	()	()	()	bc ⌓ early : c a : bc () p : b () n :
11	St-Cu : A-St.	St : A-St.	St : A-St.	10	10	10	10	10	10	...	...	p●^{0}	●^{0}	●	●	b early : c or o a : o ● p and n :
12	St.	St : St-Cu.	St : A-St.	10	10	6	10	10	10	...	...	...	...	...	●^{0}	o ● early : o ●^{0} a : bc to o p ● p : [o ●^{0} n :
13	St.	St : St-Cu : A-St.	St : St-Cu : A-Cu.	10	10	8	3	3	2	●^{0}	...	...	...	()	...	o ●^{0} a : b () p : b () n :
14	St : St-Cu : A-Cu.	Cu : St-Cu.	St-Cu.	3	7	4	2	6	1	...	...	...	...	...	...	b ⌓ early : c a : bc p and n :
15	Ci-St.	St-Cu : Ci-St : Ci.	St-Cu.	1	1	6	6	3	2	⌓	⌓	...	...	...	...	b ⌓ early : bc a and p : b n :
16	Ci.	Ci.	Cu.	1	1	5	2	2	—	∞	∞	...	...	...	...	b ⌓ early : b ∞ a : b p and n :
17	Cu : A-St : Ci-St.	St-Cu : A-Cu.	St : A-St.	8	7	10	10	10	10	...	...	∞	...	...	≡^{0}	b ⌓ early : c a : o ●^{0} p : p ●^{0}≡^{0} n :
18	St-Cu : Cu : A-St.	St-Cu : Cu : A-St.	St-Cu : Cu : A-Cu.	5	5	3	7	7	4	⌓	[illegible]	...	...	...	...	p ● early : bc a : c p : bc n :
19	St : A-St.	St : A-St.	St : A-St.	10	10	10	10	10	9	∞	∞	∞	...	...	...	b ⌓ early : o ∞ a : o p ●^{0} p : o n :
20	St-Cu : A-Cu.	St-Cu : A-St.	St : A-St.	4	8	10	10	10	10	⌓	...	()	●^{0}	●	●^{0}	bc ⌓ early : c a : o ●^{0} p and n :
21	St : St-Cu : A-Cu.	Cu : A-Cu : A-St.	St-Cu : A-Cu : Ci-Cu	7	8	7	6	5	5	...	...	...	...	...	...	p ● early : c a : bc p and n :
22	St : St-Cu.	St : St-Cu : Ci-Cu.	St.	10	9	9	9	10	10	∞	∞	∞	∞	≡^{0}	≡^{0}	o with ∞ or ≡^{0} all day.
23	St : A-Cu.	Cu : A-St.	Cu.	9	8	5	4	6	4	≡^{0}	...	...	...	...	...	≡^{0} early : o p ● a : bc p and n :
24	St : A-St.	St : St-Cu.	St-Cu.	10	10	7	8	7	9	...	...	...	...	...	...	bc early : o a : c p : o n :
25	St-Cu : A-Cu.	St.	St : St-Cu : A-St.	8	10	10	8	9	10	...	...	●	...	p●	p●	o a : o ● p : o p ● n :
26	St.	St-Cu.	St-Cu : A-Cu.	10	10	1	6	7	10	●	●	()	...	...	...	o ● a : bc () p : o n :
27	St : St-Cu.	St : St-Cu : A-St.	St : A-St.	9	9	10	10	10	10	...	...	...	●^{0}	...	●^{0}	c or o a : o ●^{0} p and n :
28	St.	St.	St.	10	10	10	10	10	10	≡^{0}●^{0}	≡^{0}	...	...	...	...	≡^{0} ●^{0} early : o all day.
29	Cu : St-Cu : A-Cu.	St-Cu : A-Cu : A-St.	St-Cu : A-Cu : Ci-Cu	7	6	7	8	5	3	...	...	...	...	...	...	o early : bc a : c p : b n :
30	St.	St.	St.	10	10	10	10	10	10	≡^{0}	≡^{0}●^{0}	≡^{0}●^{0}	...	...	≡^{0}●^{0}	o with ●^{0} and ≡^{0} all day.
31	St.	St.	St.	10	10	10	10	10	10	≡^{0}●^{0}	≡^{0}	...	...	...	...	≡ early : o ●^{0}≡^{0} to o a : o p and n :
Mean Cloud Am'nt				7·6	8·0	7·2	7·1	7·3	7·2							

Day.	7h	13h	18h	7h	9h	13h	15h	18h	21h	7h	9h	13h	15h	18h	21h	Remarks.
	Cloud Forms.			Cloud Amount (All Forms).						Weather.						

383. Cahirciveen (Valentia Observatory). **September, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St : St-Cu.	St-Cu.	10	10	9	6	7	10	●^{0}	...	...	...	...	...	o ●^{0} a : bc p : o n :
2	St : St-Cu.	St : St-Cu.	Cu : A-Cu.	8	9	8	8	6	7	...	...	...	...	...	...	c a : c to bc p : c n :
3	St-Cu.	St : A-St.	St-Cu : Cu.	10	10	10	6	3	1	...	...	...	...	...	...	o a : bc p : b n :
4	St-Cu : A-Cu.	St-Cu.	St-Cu.	7	8	8	10	8	9	...	...	...	...	...	...	b ⌓ early : c a and p : o n :
5	St-Cu.	St.	St : St-Cu.	10	10	10	6	8	8	...	...	...	...	...	...	o a : o p ● to bc p : c p ● n :
6	St : St-Cu.	St-Cu.	St-Cu.	9	3	9	9	10	10	...	...	...	...	...	...	o early : bc a : o p and n :
7	Fr-St : St-Cu.	St-Cu : A-St.	St : St-Cu.	10	10	10	10	10	10	...	()	()	...	...	p●^{0}	o () a : o p : o p ●^{0} n :
8	St : St-Cu.	St : St-Cu : A-Cu.	St : St-Cu.	8	10	6	7	5	10	p●^{0}	...	...	...	...	...	o p ●^{0} early : c a : bc p : o n :
9	St.	St : A-St.	St-Cu.	10	10	8	9	2	2	p●	...	p●	...	...	...	o p ● a : c p ● to b p : bc n :
10	St : St-Cu.	St : St-Cu.	St : St-Cu : A-St.	7	7	8	8	10	7	...	...	...	...	...	...	c p ●^{0} early : c a : o p : bc n :
11	St-Cu.	Cu : Fr-Cu.	Cu : Fr-Cu.	2	5	6	4	3	1	()	()	()	()	()	()	bc ⌓ early : bc () a and p to b n :
12	St-Cu : Ci-St.	Cu : St-Cu : Ci.	St-Cu.	9	8	8	7	1	—	()	()	()	()	()	()	b ⌓ early : c a : bc p : b n :
13	A-St.	St.	St.	10	10	10	10	10	10	()	()	...	...	●^{0}	●^{0}	bc ⌓ early : o a : o to o ●^{0} p and n :
14	St : A-St.	St-Cu : A-St : A-Cu.	Fr-St : A-St : A-Cu.	10	9	8	10	9	7	...	...	...	...	...	...	o ●^{0} early : c a : o p : bc n :
15	St-Cu : A-St.	St : A-St.	St : St-Cu.	10	10	10	10	9	9	...	...	●	...	...	...	o to o ● a : o ● p : o p ● n :
16	St-Cu : Ci-Cu.	St-Cu.	St-Cu : A-St.	6	4	6	8	10	10	...	...	...	...	...	●	bc a : c to o p : o ● n :
17	St : A-St.	St-Cu.	St-Cu : Ci-Cu : Ci.	10	8	8	3	7	2	...	...	...	...	...	...	o ● early : c a : bc p and n :
18	St : St-Cu.	St : A-St.	St-Cu : A-St : A-Cu.	8	9	10	9	9	10	...	p●^{0}	●	...	...	...	b early : o p ● a : o p : o p ● n :
19	St : A-St.	St : St-Cu : A-St.	Fr-St : St : Cu-Nb.	10	10	8	10	6	7	...	●	...	...	...	...	o a and p with p ●^{2}▲T : bc p ▲ n :
20	St : Cu-Nb.	Cu : Ci.	Nb : St-Cu.	8	7	7	9	9	10	p●	...	...	...	p●	...	c p ● early : c a : o p ● T ⋜ p : o p ⇱ ● n :
21	St-Cu.	Cu : Ci-Cu.	St-Cu : A-St.	5	2	4	8	9	10	...	...	...	...	...	...	o p ● early : bc a : c p : o p ● n :
22	St : A-St.	St-Cu : A-St.	St : St-Cu.	10	5	9	9	9	9	●	...	...	...	...	...	o ● early : bc a : o p ● p and n :
23	St : St-Cu.	St : St-Cu.	St-Cu.	8	7	8	9	7	5	p●	...	p●	...	...	...	c a and p with p ● : bc n :
24	Fr-St : St-Cu.	St-Cu : Ci-Cu.	St-Cu : A-St.	3	6	7	10	10	10	...	...	...	...	...	●^{0}	b early : bc a : o p : o ●^{0} n :
25	St.	St : A-St.	Fr-St : St-Cu.	10	10	10	8	9	3	●^{0}	●^{0}	...	...	...	...	o ● a : c or o p : b to o p ● n :
26	St-Cu.	St-Cu : Ci-Cu.	St-Cu : A-St : A-Cu.	8	4	8	8	8	9	...	...	...	...	...	...	c p ● early : bc a : c p : o n :
27	St : St-Cu : A-St.	St-Cu : Cu.	St.	10	10	10	10	10	10	...	...	...	●	≡^{0}●	...	⌓ early : o a : o ● p : o ●^{0} n :
28	St.	St : St-Cu.	St : St-Cu.	10	10	10	10	10	10	●^{0}	...	...	...	...	...	o ●^{0} a : o p : o ●^{0} n :
29	St.	St.	St.	10	10	10	10	10	10	≡^{0}	...	...	≡^{0}●^{0}	●^{0}	●^{0}	≡^{0} early : o p ● a : o ●^{0} p and n :
30	St.	St : Ci-Cu.	St-Cu : Ci.	10	10	9	8	3	—	...	...	...	...	...	...	o ● early : o a : c p : b n :
Mean Cloud Am'nt.				8·5	8·0	8·4	8·3	7·6	7·2							

384. Cahirciveen (Valentia Observatory). **October, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Ci-Cu.	Ci-Cu.	Ci-Cu.	2	2	4	1	1	—	⌓	...	...	...	...	≡^{0}	⌓ early : ba and p : b ≡^{0} n :
2	St.	St.	St-Cu.	10	10	10	9	8	9	≡	≡	...	...	...	≡^{0}	b ≡^{0} early : o ≡ a : o p : o ≡^{0} n :
3	St.	St : St-Cu.	St : St-Cu.	10	9	10	10	10	9	≡^{0}	...	...	...	...	...	≡^{0} early : o all day.
4	St : St-Cu.	St-Cu : A-Cu.	St.	9	9	5	8	10	9	⌓	...	...	...	...	≡^{0}	⌓ early : op ● a : bc p : o ≡^{0} n :
5	St : St-Cu.	St-Cu.	St-Cu.	9	7	10	10	10	10	...	...	...	...	...	...	≡ early : c a : o p and n :
6	St : St-Cu.	St : St-Cu.	St : St-Cu.	9	10	8	8	8	10	...	...	...	...	...	≡^{0}	o a : c p : o ≡^{0} n :
7	St.	St : St-Cu.	St : St-Cu.	10	9	7	10	7	9	≡^{0}	...	...	...	...	...	≡^{0} early : c a and p : o n :
8	St-Cu.	St-Cu.	St : St-Cu.	9	8	6	3	7	4	...	()	...	...	...	...	bc a : b p : bc n :
9	—	Cu : St-Cu.	St-Cu.	—	—	4	3	2	—	⌓	...	...	...	...	...	⌓ early : b a : bc p : b n :
10	—	St-Cu.	St-Cu.	—	—	6	7	2	—	⌓	...	...	...	...	...	⌓ early : b a : bc p and n :
11	—	—	St-Cu.	—	—	—	—	1	—	⌓	...	...	...	...	...	⌓ early : fine all day.
12	St : St-Cu : A-St.	St-Cu.	St-Cu.	8	8	3	4	4	—	⌓	...	...	...	...	...	⌓ early : bc a and p : b n :
13	St-Cu.	St-Cu : A-St.	St-Cu : A-St.	10	10	8	10	10	10	...	...	...	...	...	...	bc early : o a, p and n :
14	St.	St : St-Cu : A-St.	St-Cu.	10	10	8	10	10	7	●^{0}	...	...	...	...	...	●^{0} early : o a and p : c n :
15	St-Cu : A-St.	St : St-Cu : A-St.	St : St-Cu : A-St.	10	10	10	10	10	10	...	...	...	...	...	...	p ● early : o a and p : o ●^{0} n :
16	St-Cu : A-Cu : Ci-St.	St : St-Cu : A-Cu.	St.	8	8	7	10	10	10	...	...	...	...	●^{0}	≡^{0}	●^{0} early : c a : o p : o ●^{0} to ≡^{0} n :
17	St-Cu.	St.	St.	10	10	10	10	10	10	...	...	●^{0}	●^{0}	●^{0}	...	≡^{0} early : o a : o ●^{0} p : o n :
18	St.	St-Cu.	St-Cu : Cu : A-St.	10	10	9	8	7	10	...	...	...	...	...	...	●^{0} early : o a : c p : o n :
19	St : St-Cu : A-St.	St : A-St.	St.	9	10	10	10	10	10	...	●	●	●	●	≡^{0}●^{0}	p ●^{0} early : o ● all day ≡^{0} n :
20	St.	St.	St.	10	10	10	10	10	10	●	●	...	...	...	...	o ● a : o p and n :
21	Cu.	St : St-Cu.	St : St-Cu.	9	7	7	8	10	8	...	...	...	...	p●^{0}	...	o to bc p ● a : c p ● p : c n :
22	St-Cu.	St : St-Cu.	St-Cu : Ci-Cu : Ci-St.	10	8	8	8	6	9	p●	p●	p●^{0}	...	...	...	o p ●^{2} early : o p ● a : c p ●^{0} p : [o p ●^{2} n :
23	St-Cu : A-St.	St : St-Cu : A-Cu.	St : St-Cu.	9	10	7	7	7	9	...	p●	...	...	...	...	o p ● a : c p : o n :
24	St -Cu: A-St.	St : St-Cu.	St : St-Cu.	9	9	8	8	7	9	...	p●	p●	...	...	...	●^{0} early : o p ●▲ a : : c p ●^{0} p : o n :
25	St-Cu : A-St.	St-Cu : Ci-Cu.	St : A-St.	3	7	9	10	10	3	...	...	...	...	●	...	c p ●^{0} early : bc a : o p ● p : b n :
26	St.	St-Cu.	St : St-Cu.	10	8	3	7	3	9	●	...	...	...	...	...	●^{2} early : bc p ● a : bc p : p ●^{2} ⇱ n :
27	St-Cu.	St-Cu : A-Cu.	St : St-Cu : A-St.	10	9	6	8	6	10	p●	...	...	...	...	p●	p ●^{2} early : c p ● a : bc p : o p ● n :
28	St.	St.	St.	10	10	10	10	10	10	p●	p●	●	●	●^{0}	●^{0}	p ● to o ● a : ● p : ●^{0} n :
29	St.	St.	St : A-St.	10	10	10	10	10	10	●	●	●	●^{0}	...	...	o ● a : o ●^{0} p : o to bc n :
30	Cu : A-St.	St-Cu : A-Cu.	St : St-Cu : A-St.	9	9	7	6	7	8	...	p●	...	...	...	...	o p ● a : bc p : c n :
31	St-Cu : A-St.	St-Cu.	St : A-St : A-Cu.	8	8	7	7	10	10	...	...	...	...	...	...	p ● early : bc a : c p : o n :
Mean Cloud Am'nt				8·1	7·9	7·3	7·7	7·5	7·5							

Day. 7h 13h 18h Cloud Forms. 7h 9h 13h 15h 18h 21h Cloud Amount (All Forms). 7h 9h 13h 15h 18h 21h Weather. Remarks.

385. Cahirciveen (Valentia Observatory). November, 1925.

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St-Cu : A-St.	Nb: St : A-St.	10	10	10	8	10	10	●^{2}	...	●	...	p●	p●^{0}	o ● *a* : o p ● *p* : p ●^{0} *n* :
2	Cu.	Cu : St-Cu : A-St.	St : St-Cu : A-Cu.	1	3	6	7	7	10	...	...	...	...	...	p●	p ● early : bc *a* and *p* : o p ● *n* :
3	St : A-St.	Cu : St-Cu.	Cu : Fr-Cu.	10	10	6	3	3	1	...	...	...	...	...	...	●^{0} early : o p ● *a* : bc *p* : p ●^{2} to b *n* :
4	St-Cu : A-St.	St : Cu : St-Cu.	St : Cu : A-Cu.	10	10	7	9	9	5	p●^{0}	p●^{0}	...	p●^{0}	...	...	p ●^{2} early : o p ● *a* and *p* : bc *n* :
5	St-Cu : Cu-Nb.	St-Cu : Cu.	Cu.	7	5	5	3	2	3	...	...	...	...	...	...	p ● early : bc *a* to b *p* and *n* :
6	St-Cu : St.	St : St-Cu : A-St.	St : A-St.	9	9	10	10	10	10	...	...	...	●	●	●	bc early : o *a* : o ● *p* and *n* :
7	St-Cu : A-St.	St : A-St.	St-Cu.	9	8	9	6	8	8	...	...	p●	...	...	...	c p ● *a* : bc *p* : c p ●^{0} *n* :
8	Cu.	Cu.	Cu.	7	7	6	2	4	2	...	...	...	...	...	...	c *a* : bc *p* : b *n* :
9	St-Cu : Cu.	St : St-Cu.	St-St-Cu.	2	7	8	8	9	3	...	...	...	...	p●	...	bc p ● *a* : c p ● *p* : b *n* :
10	St-Cu.	St-Cu.	St:Cu.	1	1	1	5	4	1	...	...	...	()	()	...	p ●^{0} early : b *a* : bc () *p* : b *n* :
11	—	—	St-Cu.	—	—	—	—	1	—	⊔	⊔	...	...	...	...	⊔ early : a fine day.
12	St : St-Cu : A-St.	St-Cu.	St-Cu.	8	7	7	8	7	10	⊔	...	...	...	...	...	⊔ early : bc *a* and *p* : o *n* :
13	St-Cu : St.	St : A-St.	St : A-St.	10	10	10	10	10	10	...	p●	●	...	●^{0}	●^{0}	o p ● *a* : o ● *p* : o ●^{0} *n* :
14	St-Cu.	St : St-Cu.	St : St-Cu : A-St.	10	10	9	8	10	8	●^{0}	●	...	...	...	...	o ● *a* : c *p* and *n* :
15	St-Cu : A-Cu.	St-Cu : A-St.	St : A-St.	8	9	10	10	10	6	p●	...	p●^{2}	●	...	...	o p ● *a* : o ● *p* : bc *n* :
16	St.	Cu.	St-Cu.	1	2	1	2	2	1	...	...	...	...	...	...	c early : a fine day.
17	St : Cu.	St-Cu.	St-Cu.	9	8	2	5	7	9	...	...	...	...	...	...	b early : c *a* : bc *p* : o *n* :
18	—	—	—	—	—	—	—	—	—	⊐	...	...	...	...	...	⊐ early : a fine day.
19	—	—	—	—	—	—	—	—	—	⊔	⊔	...	...	...	⊔	⊔ early and *n* : a fine day.
20	—	—	—	—	—	—	—	—	—	⊔	⊔	...	...	...	...	⊔ early : a fine day.
21	—	—	St-Cu.	—	—	—	1	9	6	⊔	⊔	...	...	...	...	⊔ early : b *a* : bc *p* and *n* :
22	St.	St-Cu.	St-Cu.	10	10	10	10	10	10	⊐	...	...	...	...	...	⊐ early : o all day.
23	St-Cu.	St-Cu.	St-Cu.	10	7	3	3	2	1	...	...	...	...	...	...	o early : bc *a* and *p* : b *n* :
24	St.	St : St-Cu : A-Cu.	St : A-St.	8	6	7	7	8	6	⊔	...	...	...	p●	...	⊔ early : bc *a* : c p ●^{0} *p* : bc *n* :
25	St-Cu : St.	St : St-Cu : A-St.	St : St-Cu : A-St.	10	8	8	9	7	9	●^{0}	...	...	...	...	...	●^{0} early : c *a* : o *p* and *n* :
26	St.	St : St-Cu.	St-Cu.	10	9	8	7	3	—	●	...	...	...	...	...	● early : c *a* : bc *p* : b *n* :
27	St.	St : St-Cu : A-St.	St-Cu.	10	9	10	3	5	7	●^{0}	...	...	...	...	...	b early : o ●^{0} *a* : bc *p* : c *n* :
28	St-Cu.	St : St-Cu.	St-Cu : Cu-Nb.	10	9	8	7	6	8	...	p●^{0}	...	()	...	...	o p ●^{0} *a* : bc p ●^{0} *p* : c or o *n* :
29	St.	St-Cu : Cu.	St : St-Cu.	1	9	8	9	9	10	...	...	...	p●^{0}	...	...	c p ●^{0} *a* and *p* : o *n* :
30	Cu.	St : St-Cu.	St : St-Cu.	3	7	7	7	4	3	...	...	p●	...	...	...	b early : c p ● *a* : c p ▲ *p* : b *n* :
Mean Cloud Am'nt				6·1	6·3	5·9	5·6	5·9	5·2							

386. Cahirciveen (Valentia Observatory). December, 1925.

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	—	—	—	—	—	1	—	—	8	⊔	...	...	...	...	⊔	⊔ early and *n* : fine all day.
2	—	—	A-St.	—	2	—	1	1	—	⊔	⊔	()	()	...	⊔	⊔ early and *n* : fine all day.
3	—	St : St-Cu.	St-Cu.	—	2	7	2	3	6	⊔	...	()	()	...	...	⊔ early : b *a* : bc () *p* : bc *n* :
4	St-Cu.	St : St-Cu : A-St.	St-Cu : A-St.	10	10	9	10	10	7	...	...	...	...	...	...	Overcast all day.
5	St-Cu : A-St.	St-Cu : A-St : A-Cu.	St-Cu : A-St.	9	8	8	8	9	9	...	...	...	...	...	...	c *a* : c to o p ● *p* : o *n* :
6	St-Cu.	St-Cu.	St-Cu : A-St.	10	10	10	9	10	10	...	...	...	...	...	●^{0}	● early : o *a* : o p ● *p* : ●^{0} *n* :
7	St.	St.	St.	10	10	10	8	10	10	●^{0}	...	●^{0}	...	●	●	o ● *a* : c to o ● *p* and *n* :
8	St.	St-Cu : Cu-Nb.	St : St-Cu.	10	8	8	8	7	4	●	...	...	p●	p▲	...	o ● to b *a* : c p ▲ ● *p* : bc *n* :
9	Cu.	St-Cu.	St-Cu.	4	7	8	8	3	7	...	...	p●	p●	...	...	p ● *a* : c p ●▲ *p* : c *n* :
10	St-Cu.	St : St-Cu.	St.	9	8	7	8	3	9	...	p●	...	...	...	...	c p ●^{0} *a* : c p ● *p* : o *n* :
11	St-Cu.	St : St-Cu.	St : A-St.	9	8	5	8	3	8	...	p●^{0}	...	p●^{0}	...	p●^{0}	o p ● to b *a* : bc p ●^{0} *p* : c p ●^{0} *n* :
12	St : A-St.	St-Cu.	St-Cu.	9	7	7	7	4	2	⊔	...	...	...	...	...	p ●^{0} and b ⊔ early : bc p ●^{0} *a* : bc p b *n* :
13	St.-Cu.	St.-Cu.	St-Cu.	5	7	6	9	6	7	...	...	...	...	...	p●^{0}	c p ●^{0} to bc *a* : c p ●^{0} *p* and *n* :
14	St.	St-Cu.	St-Cu.	2	1	2	5	3	3	...	...	...	...	...	...	c early : b *a* : bc *p* : b *n* :
15	St.	St : A-St.	St : A-St.	9	10	10	8	8	10	...	()	...	...	...	●^{0}	bc early : o () *a* : o p ●^{0} *p* : ●^{0} *n* :
16	St : A-St.	St : St-Cu.	St.	9	10	8	7	7	9	...	...	...	...	...	...	●^{0} early : c *a* : bc p ●^{0} *p* : o *n* :
17	St.	St : St-Cu.	St : St-Cu.	10	10	9	7	9	10	...	...	...	...	...	...	o *a* : c *p* : o *n* :
18	St.	St : St-Cu.	St : St-Cu.	10	9	7	9	7	7	...	●^{0}	...	...	...	...	b early : o ●^{0} *a* and *p* : c *n* :
19	St.	St : St-Cu : A-St.	St : A-St.	10	10	9	10	10	10	...	...	...	...	...	●^{0}	o all day : ●^{0} *n* :
20	St.	St : A-St.	St : A-St : A-Cu.	10	10	10	10	9	9	●^{0}	...	...	...	...	...	o all day with ●^{0} *a* :
21	St-Cu.	St : St-Cu.	St : St-Cu.	8	6	8	8	8	8	...	...	p▲	...	p▲	p●	b early : c p ●▲ *a* and *p* : c p ● *n* :
22	St : A-St.	St : A-St.	St : St-Cu : A-St.	10	10	8	8	8	9	...	...	...	...	p▲	...	b early : o *a* : c p ▲ *p* : o *n* :
23	St.	St : St-Cu.	St : St-Cu.	10	8	8	7	3	9	p●^{0}	...	p▲	p▲	...	...	b early : o p ●▲ *a* : c p ▲ *p* : o *n* :
24	St : A-St.	St : A-St.	St : A-St.	8	9	10	10	10	9	...	...	...	...	●^{0}	●^{0}	b early : o *a* : o ●^{0} *p* and *n* :
25	St.	St : A-St.	Cu.	10	10	10	9	2	9	...	●^{0}	●^{0}	...	...	...	o early : o ● *a* : bc *p* : o *n* :
26	St.	St : A-St.	St : A-St.	2	10	10	10	9	8	...	...	●^{0}	●^{0}	...	...	b to o *a* : o ● *p* : c *n* :
27	Cu : A-St.	St-Cu : Ci-Cu.	St : St-Cu.	9	8	7	9	7	9	...	...	...	...	p●^{0}	p●	c *a* : c p ●^{0} *p* and *n* :
28	St.	St.	St.	10	10	10	10	5	10	●	●	●^{0}	●^{0}	...	...	o ● *a* : o ●^{0} *p* : o *n* :
29	St : A-St.	St.	St : A-St.	10	10	10	10	6	10	...	...	●^{0}	...	...	...	o ● *a* : o to bc *p* : o ● [illegible] *n* :
30	Cu.	St : A-St.	St : St-Cu.	8	8	8	8	7	6	...	...	...	...	...	...	o p ●▲ *a* : c p ●^{0} *p* : bc *n* :
31	St-Cu : Nb.	St : A-St.	St.	9	8	10	10	2	9	...	...	p●	p●	...	...	o p ●▲ *a* and *p* to bc *p* : o *n* :
Mean Cloud Am'nt				7·7	7·9	7·7	7·8	6·1	7·8							
Mean An'ual Cloud Am'nt				7·8	7·7	7·4	7·3	7·1	7·2							
	Cloud Forms.			Cloud Amount (All Forms).						Weather.						Remarks.

FOR OFFICIAL USE

M.O. 299
(Richmond)

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1925

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valentia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

RICHMOND (KEW OBSERVATORY)

Published by the authority of the
METEOROLOGICAL COMMITTEE

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1927

RICHMOND (KEW OBSERVATORY).

Latitude	51° 28′ N.
Longitude	0° 19′ W.
G.M.T. of Local Mean Noon	12h 1m.

Heights in Metres above Sea Level.

Barometer	10·4
Raingauge	5·5
Robinson Cup Anemograph	25
Dines Tube Anemograph	25

Heights in Metres above Ground.

Thermometer Bulbs	3·0
Sunshine Recorder	13·3
Robinson Cup Anemograph	20
Dines Tube Anemograph	20

INTRODUCTION.

The Observatory was built in 1769 as the private observatory of King George III. Since 1842 it has been devoted to physics and meteorology. The meteorological records are continuous from 1854. The Observatory is in the Old Deer Park, Richmond (Surrey), about 10 miles (16 km.) to the west of the City of London. The Observatory stands on a low artificial mound whose level is about 1½ metres higher than that of the surrounding park. The river Thames is distant about 300 metres on the north and west. Kew Gardens, which are extensively wooded, lie to the east-north-east, the nearest point of the Gardens being about 600 metres away. The town of Richmond, to the south-east, is about 1,100 metres distant. On the east side of the Park is the main road from Richmond to Kew; on the south side the railway from Richmond to Twickenham. The Old Deer Park is mainly open pasture. Round the Observatory a golf course has been laid out. Another open area partly wooded, Syon Park, lies to the north-north-east across the river. Richmond Park is about 1½ miles (2½ km.) to the south-east. General views of the Observatory building and the exposure lawn are to be found in the 1923 volume. For the early history of the Observatory reference may be made to papers by R. H. Scott (Royal Society's Proceedings, Vol. 39 (1885), pp. 37-86), and C. Chree (The Record of the Royal Society, 1897).

Two important events in the history of the Observatory occurred in 1925, and must be mentioned briefly here, the retirement of Dr. Charles Chree, F.R.S., and the installation of the Galitzin seismographs in place of the old magnetographs.

Dr. Chree had been Superintendent of the Observatory since 1893. His valuable researches cover a large field, and in his hands the Observatory records have been used to the best advantage.

The operation of the magnetographs having been seriously affected by the growth of electric traction in the neighbourhood, the records were discontinued at the end of 1924. The instruments were transferred to Eskdalemuir in 1925. In the same month the Galitzin seismographs, which were provided in 1910 by the generosity of Professor (now Sir Arthur) Schuster, were brought from Eskdalemuir. In preparation for them a large concrete pillar standing on the gravel 1·35 m. below the level of the floor, was erected in the old magnetograph room. Accommodation for the photographic recording apparatus was provided in an adjacent room. The seismographs were in continuous operation by the end of the year.

METEOROLOGY.

The elements dealt with in the following tables are: atmospheric pressure, temperature, humidity, rainfall, sunshine, solar radiation, wind speed and direction, earth temperature, minimum temperature on the grass, level of underground water; there is also a diary of cloud and weather.

For brief descriptions of most of the instruments from which values of the above elements have been obtained and of the methods of tabulating the records, reference should be made to the General Introduction (pp. 9-16). The following notes supplement, where necessary, the information contained therein.

Notes on Instruments.

Pressure.—The barograph is mounted in the basement of the Observatory, where the diurnal variation of temperature is very small. The normal position of the instrument has been in the north room occupied by the magnetographs. When the magnetographs were removed and the preparations for the installation of the seismographs were commenced, the barograph was placed in the photographic dark-room (June 16th). The barograph magnifies barometric changes in the ratio 1·553 : 1, i.e. the change of ordinate equivalent to a change of 1 mm. in the height of the barometer is 1·553 mm. "Residual corrections," obtained from the control observations taken daily with the Newman barometer at 9h, 15h and 21h, are applied to the hourly measurements. The same correction is applied to all the readings on the same photographic sheet, i.e. generally for forty-eight hours. The individual entries published for the hours of the control observations may differ by ·3 mb. from those observations. The Newman barometer is compared from time to time with the two large mercury barometers, which were set up in 1855 and 1860 respectively and are still recognised as standards. A zero correction is based on these comparisons. A comparison, made in 1925, confirmed the correction + 0·2 mb. (+ ·006 mercury inch) which has been applied for many years. Comparisons are made on the assumption that the value of the acceleration due to gravity is $g = 981{\cdot}199$ cm/sec^2. This is the value given by pendulum observations.† The departure from the value given for the latitude by Helmert's formula is insignificant. On a few occasions when a loss of trace occurred, the missing hourly values were derived from the Dines Float Barograph.* There were 7 hours in the year for which this was necessary.

Temperature and Humidity.—The thermograph is mounted in the West Room on the first floor of the Observatory, the thermometer bulbs being exposed in the screen attached to the north wall of the building. This screen has single louvres and the bottom is open. There is an additional flat louvred screen which shields the main screen from direct sunshine when the sun is in the West and not too low. The height of the bottom of the bulbs of the recording thermometers above the bottom of the sides of the screen containing them is 30 cm. in summer, 33 cm. in winter. The height of the bulbs above the top of the artificial mound on which the Observatory stands is approximately 3 metres; the height above the lawn where the raingauge is situated is approximately 5 metres. The scale values of the photographic records are not identical for the dry and wet-bulb curves. For the dry-bulb, tube No. 4 II. was in use and the scale value was 1 mm. =0·3336a; for the wet-bulb the old Falmouth wet-bulb tube (no number) was in use and the scale value was 1 mm = 0·290a.

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* For a description of this instrument see *Observatories' Year Book*, 1923, p. 94.

† A comparison between the values of "g" at Cambridge and Kew Observatory was made during the year 1925 by Sir G. Lenox Conyngham with the assistance of Mr. G. Manley. A similar comparison between Potsdam and Cambridge was made by Prof. Meinesz earlier in the year. These observations are in accord with those made at Kew and Potsdam by Putnam in 1900, from which the value stated above was derived. The value for Potsdam, g=981·274, based on the observations of Kuhnen and Furtw angler is adopted as this standard of reference.

The control thermometers, which were graduated and mounted by Messrs. Negretti & Zambra in 1915, had been made and filled many years before and were therefore well seasoned. The National Physical Laboratory certificates dated 1915 give corrections to the nearest 0·05° C., the largest being 0·10°. The thermometers are tested each January in ice. According to tests made in January, 1925, there was no indication of any change of zero.

Control eye-readings of the standard thermometers are taken daily at 9h., 15h. and 21h. Residual corrections obtained from the control observations are applied to the hourly measurements of the curves. The same correction is applied to all the readings on the same photographic sheet, i.e. generally for forty-eight hours. The individual entries published for the hours of the control observations may differ by 0·3a from these observations. The larger departures refer to occasions when temperature is oscillating or changing rapidly.

When the wet bulb trace is missing or defective, the missing values are derived from the dry-bulb trace and the records of a hair hygrograph. The same procedure is always adopted when the wet-bulb reading is below 273a. 284 hours had thus to be dealt with during the year. Humidity is determined from the dry and wet bulb readings by the table, based on Glaisher's factors, published in the *Computer's Handbook*. The photographic thermograph was out of action from October 28th to November 30th, whilst the screen was being repaired and painted. During this period use was made of the records from a thermograph mounted in a large screen of the Stevenson pattern on the north wall to the east of the entrance. This thermograph by Negretti & Zambra is provided with forced ventilation by electric fan. The differences between temperatures recorded in the two screens are generally small.

It may be noted that during 1925, as in previous years, the temperatures published for Kew Observatory in the Daily Weather Report and elsewhere also refer to the North-wall screen. For the daily and weekly reports the readings of maximum and minimum thermometers exposed in that screen are utilised.

Rainfall.—As from January, 1921, the standard raingauge for the Observatory has been an 8-inch gauge with the deep "Snowdon" funnel. The site is level and protected from wind, principally by hedges about $1\frac{1}{2}$m. high and distant 11 metres to East and 17 metres to West. The readings of this standard gauge are at 7h and 18h. The hourly readings of the Beckley gauge are adjusted to give totals in agreement with the standard gauge.

Sunshine.—The sunshine recorder is mounted on the south parapet of the roof. The same frame has been in use since 1880 and it is believed that the ball has not been changed. The ball is now somewhat yellow.

Solar Radiation.—Observations are made with an Ångström pyrheliometer, which measures the intensity of the direct radiation received from the sun by a surface which is normal to the sun's rays. The observations are made within half an hour of noon on all days except Sundays, provided that the sun is visible and not too much obscured by cloud, fog or thick haze. The conditions of the intervening atmosphere are indicated in Tables 445-456 in the column "sky." The amount of radiation is given in milliwatts per square centimetre in the column headed "total." For conversion to the unit more ordinarily employed abroad, the following relation may be used, 1mw. per sq. cm. = 0·01435 gramme-calorie per sq. cm. per minute. The vertical component, i.e. the direct radiation received per square centimetre of a horizontal surface, is also given.

The Ångström instruments in use are by Rose, Stockholm. No. 100 was in use throughout the year. The older instrument No. 24 was kept in reserve. The ammeter is No. 68956, which was certified at the National Physical Laboratory in 1919. The readings are evaluated according to Ångstrom's original instructions

To bring the readings into accordance with the scale adopted by the Smithsonian Institution, a correction of + 3·5 per cent. is required.*

Wind Speed and Direction.—The Robinson cup anemograph from which the results in the present volume are mainly derived is exposed on the roof of the Observatory. This instrument has 9 inch cups; the radius of the circle described by their centres is 24 inches. The horizontal arms are 17·8 mm. wide; their vertical thickness is 4·6 mm. in the middle and 2·5 mm. at the edges. The oblique stays are rectangular in section, the dimensions being 6·3 mm. (facing the wind) and 3·8 mm. (facing upwards). The height of the cups above the lawn is 20 m. There are trees in the neighbourhood reaching greater heights. Those along the river to the West of the Observatory and about 280 m. away average 25 m.

Direction is not tabulated when the speed of the wind averages less than 1·6 metres per second. Data missing owing to imperfections of the trace or other causes are replaced by results from the Dines tube anemograph, the head of which is approximately at the same height as the Robinson anemograph cups. The head of the present Dines instrument, set up at the beginning of the year 1923, is of the Mark II pattern. In the vertical tube there are 80 holes in 4 rows of 20. The diameter of each hole is 3 mm. The connecting tubes, 17 metres long, have the internal diameter 12 mm. In June, 1925, it was noticed that the wind speed given by the pressure tube anemograph was rather less than that given by the Robinson cups. Calibration with a pressure gauge shewed that the adjustment of the pressure-tube instrument was not in accordance with the prescribed formula. From September 20th, 1925, a correction of + 0·5 m/s was applied to all readings of the charts from 0·5 m/s upwards (readings 0·1 to 0·4 m/s being doubled). With this correction the differences between the two anemographs were almost eliminated.

Earth Temperature.—The two thermometers in use were at 30 cm. and 122 cm. The ground in which the tubes for the thermometers are sunk is under grass. The soil is gravel. The site is well exposed. There are, however, three fruit trees about 9 metres to the east and 6 metres high. The bulb of the lower thermometer is 430 cm. above sea level. As will be seen from Table 473 the surface of the underground water surpassed this level at the beginning of the year when the park was flooded.

Minimum Temperature on the Grass.—The grass minimum thermometer is set at 18h and read at 9h on the succeeding day, the reading being assigned to the day of reading.

This thermometer has a spherical bulb, diameter 17 mm. The thermometer is placed with the bulb about 25 mm. above the turf. The exposure is good, there being no obstruction within 76° from the zenith.

Identification Numbers of Instruments in use in 1925.

Control Barometer	Newman 34
Control Dry Bulb Thermometer	Negretti & Zambra 173971
Control Wet Bulb Thermometer	Negretti & Zambra 173969
Control Raingauge (8-inch)	M.O. 1271
Measuring Glass for the Control Raingauge	M.O. 1425
Campbell-Stokes Sunshine Recorder	M.O. 12
Dines Tube Anemograph Head	M.O. 1017
Dines Tube Anemograph Recorder	M.O. 1017
Earth Thermometer 1 ft.	M.O. 5
Earth Thermometer 4 ft.	M.O. 10
Grass Minimum Thermometer	M.O. 23005
Photo-thermograph	No number
Photo-barograph	,,
Robinson Cup Anemograph	,,

* R. E. Watson. *Geophysical Memoir*, No. 21, 1923.

Notes on the Meteorological Tables.

The Weather of 1925.—The most memorable feature of the weather of the year was the exceptionally dry June. Less rain fell during the month than in any other calendar month since the continuous record was commenced at this observatory in 1856. Four days of continuous frost at the end of November provided an opportunity for skating, the first enjoyed in the neighbourhood of London for some years.

Pressure.—During the year pressure at station level ranged between 966·0 mb. and 1040·6 mb. These values occurred on December 20th and January 19th respectively. The extreme values of the mean pressure for the calendar day were 972·8 mb. and 1039·2 mb. on the same dates. Another low mean value occurred on February 26th, 972·9 mb. The low pressure of December 20th was spread over a large area on either side of the English Channel. There was a striking difference of temperature between the polar and equatorial sides of the trough. At Kew there was prolonged light rain, 12 hours of rain yielding only 7 mm. On February 26th conditions were different, there was squally weather at Kew whilst a "dying" cyclone passed slowly across the north of England. The high pressure of January 19th was associated with an anticyclone which covered most of continental Europe as well as the British Isles. There was fog all day at Kew.

Pressure (Diurnal Variation).—In accordance with the precedent of the last three years the first four harmonic components have been computed for each month. The results are tabulated in Table A.

The inequality is supposed to be given by the expression

$$c_1 \sin (15\, t^\circ + \alpha_1) + c_2 \sin (30\, t^\circ + \alpha_2) + \ldots\ldots$$

t being the time in hours since midnight. The angles α are the phases of the several sine-waves at midnight. The curves are tabulated according to Greenwich mean time but the phases in Table A have been reduced to local mean time. The difference in Longitude between Kew and Greenwich being only 19′ the correction is hardly appreciable in the figures which are rounded to the nearest degree.

As is well known for a single month the first harmonic component departs erratically from the normal value* computed from averages covering many years. The passage of a depression across the country is recorded in the pressure tabulations as a rise and fall of perhaps 30 millibars and affects the average hourly values for the month to the extent of a millibar. The normal values of the amplitude of the first component are comparatively large in summer, about ·3 millibar, and very small in winter. The highest value found in 1925, ·520 millibar in June is 75 per cent. above the normal for the month. This is in accordance with the large range of temperature in this month, which, as has been mentioned above, was exceptionally fine. For the summer months the phases of the first component are fairly consistent ; Kew being an inland station pressure tends to be high in the early morning about sunrise and lowest in the early afternoon. The phases for the winter half year are promiscuous. On the other hand, the amplitudes and phases of the higher components are all comparatively close to their normal values. Thus the maximum amplitude of the second component occurs as it should in an equinoctial month, September. The amplitude is ·456 mb as compared with a normal ·399 mb ; the phase is 153° as compared with 151°. The maximum of the third component is in December ·212 mb, the normal being ·146 mb, the phase 357° instead of 353°. For the fourth component the maximum is also in December ·089 mb, the normal for that month being ·073 mb. The phase is 181° instead of 205°, the difference being equivalent to 24 minutes of time.

* The normals quoted refer to the period 1871–1915.

TABLE A.

Diurnal Variation of Barometric Pressure. Fourier Coefficients. $\Sigma c \sin(nt+\alpha)$.
Richmond (Kew Observatory), Longitude 0° 19′ W. 1925. Local Mean Time.

Month or Season.	c_1	α_1	c_2	α_2	c_3	α_3	c_4	α_4
	mb.	°	mb.	°	mb.	°	mb.	°
January	·218	294	·343	147	·161	329	·077	178
February	·078	280	·454	126	·156	7	·033	61
March	·028	31	·421	147	·062	334	·053	42
April	·140	35	·378	155	·036	149	·028	335
May	·036	124	·352	159	·106	161	·036	316
June	·520	17	·290	138	·114	155	·017	181
July	·365	59	·322	139	·112	153	·023	302
August	·060	22	·326	141	·066	161	·056	282
September	·242	12	·456	153	·023	266	·055	334
October	·029	129	·428	153	·099	350	·025	128
November	·434	145	·322	138	·158	354	·059	205
December	·222	299	·207	121	·212	357	·089	181
Arithmetic Mean	·198	..	·358	..	·109	..	·046	..
Year	·087	28	·354	144	·035	3	·007	215
Winter	·066	236	·326	134	·167	352	·051	178
Equinox	·099	25	·420	152	·033	337	·025	11
Summer	·222	36	·319	145	·099	157	·026	288

Note.—*Winter* comprises the four months, January, February, November, December.
Equinox the months March, April, September, October, and *Summer* May to August.

Temperature.—The year opened with mild weather. March was actually colder on the average than either January or February. June, though fine, was not exceptionally hot, the excess of the average temperature above normal was only 1°C. The highest temperatures were recorded in July. There was a long spell of cold weather from November 8th to December 25th. On only one day during this spell was the mean temperature for the 24 hours above 280a (45° F.).

The coldest weather occurred early in December under the influence of a continental anticyclone, the cold air coming from E. and S.E. The lowest temperature recorded in the North-wall screen was 267·8a. (22·6°F.) early on the 6th. The lowest maximum in the screen was 273·1a. (32·2°F.) on the 4th. That day had the lowest mean for the year 271·1a. (28·6°F.).

The highest temperature was reached on July 22nd 303·3a. (86·5°F.), and was the prelude to a great thunderstorm. During the preceding night temperature did not fall below 291·2a. (64·8°F.) ; the minimum 290·1a. for the calendar day was recorded at 23 h. A noteworthy high temperature was reached on June 11th, 301·7a. (83·7°F.). On this occasion the rise in temperature, under the influence of continuous sunshine and little wind, was 17·4°C. between sunrise and the middle of the afternoon.

Temperature (*Diurnal Variation*).—The Table of diurnal inequalities of temperature exhibits the normal characteristics, the minimum for the day occurring at sunrise, the maximum in the late afternoon. The case of February is somewhat anomalous, the minimum being as early as 3 h. This is to be attributed to the rise of temperature during the later part of the night which occurred on two or three occasions.*

* The explanation of this phenomenon appears to be that under a clear sky the surface air cools and fog is formed and that, as the fog extends to greater heights, the radiation from the ground becomes less effective and temperature rises.

Harmonic analysis of the diurnal variation of temperature shows the first component as the dominant one in all months of the year; the second component is very small in the summer months when the interval between the daily maxima and minima approximates to 12 hours. In the year under review the most striking departure from the normal was in the case of June. This was a very sunny month and the daily range of temperature was high. The amplitude of the first harmonic component was 4·61a or 25 per cent. above normal. On the other hand, the lack of sunshine in August and September was responsible for considerable reductions in the amplitudes of the leading components.

TABLE B.

Diurnal Variation of Temperature. Fourier Coefficients. $\Sigma c \sin (nt + \alpha.)$.
Richmond (Kew Observatory), Longitude 0° 19′ W. 1925. Local Mean Time.

Month or Season.	c_1	α_1	c_2	α_2	c_3	α_3	c_4	α_4
	a.	°	a.	°	a.	°	a.	°
January	1·223	218	0·542	35	0·148	199	0·067	314
February	1·522	225	0·452	35	0·083	201	0·054	156
March	2·220	221	0·568	41	0·053	305	0·067	215
April	3·030	228	0·437	63	0·211	23	0·051	244
May	3·688	228	0·264	60	0·272	28	0·098	70
June	4·613	220	0·025	65	0·313	29	0·111	19
July	3·979	222	0·157	6	0·218	12	0·090	82
August	3·059	228	0·215	40	0·350	21	0·048	269
September	3·037	231	0·576	58	0·245	10	0·178	184
October	2·384	224	0·809	47	0·153	234	0·047	199
November	1·444	229	0·541	44	0·136	216	0·033	96
December	0·938	225	0·413	34	0·235	227	0·035	113
Arithmetic Mean	2·595	..	0·417	..	0·201	..	0·073	..
Year	2·5 8	225	0·408	44	0·078	3	0·017	149
Winter	1·278	224	0·486	37	0·147	214	0·011	116
Equinox	2·663	227	0·592	51	0·095	354	0·079	200
Summer	3·829	224	0·155	41	0·286	23	0·057	48

NOTE.—*Winter* comprises the four months January, February, November, December.
Equinox the months March, April, September, October, and *Summer* May to August.

Humidity.—The month with the lowest relative humidity was June. On June 9th the relative humidity in the middle of the day was estimated to be as low as 33 per cent. On June 10th the average relative humidity for the whole day was 53 per cent. and for the complete month of June the average was only 67 per cent. The highest mean vapour pressure, 20·8 mb., occurred on July 22nd. The relative humidity fell to 45 per cent. in the middle of the afternoon, but after the thunderstorm in the evening the air was saturated. The lowest vapour pressure, 4·3 mb., occurred in frosty weather on November 28th, the mean relative humidity for the day being only 75 per cent. In January the lowest vapour pressure of the month, 5·6 mb., occurred paradoxically with the highest relative humidity, nearly 100 per cent., fog and frost occurring together.

The diurnal variation of relative humidity has always the same general characteristics, but it is of some interest to notice that the monthly means of hourly values do not run "smoothly." It has been found that this is mostly due to the irregularity of occurrence of rain; a shower causes a sudden rise in humidity and the effect is not averaged out in a single month.

The diurnal variation of vapour pressure at Kew is in all months of the simple type with the minimum at sunrise, and very slight changes after the dew has disappeared in the morning.

The figures for the year under review provide instances of a small drop of vapour pressure in the middle of the afternoon and a subsequent rise. These instances are in the monthly means for March and July. In June, the exceptionally fine month, the rise of vapour pressure continued though very slowly from the early morning up to 21h.

Rainfall.—The rainfall for the year as a whole was in no way abnormal. Interest centres in the exceptionally low rainfall of June. The total rainfall for that month was only 1·1 mm. Of this amount, 1·0 mm. fell on one day, June 24th, the other 0·1 mm. represents drizzle on the evening of the 26th. The record of rainfall at the Observatory is continuous from 1856 and such a small total has never been measured previously in one calendar month. The smallest totals hitherto were 1·3 mm. in April, 1912, 2·3 mm. in February, 1891, and again in February, 1895, 2·5 mm. in April, 1893. There were dry Junes in 1921 and 1923, as well as in 1895; in each of the three cases the total was about 6 mm.

The heaviest fall credited to a single day in 1925 was 47 mm., which occurred on July 22nd, most of it in a prolonged thunderstorm.*

In reckoning the duration of rainfall it is the rule to ignore the time in which the rate of fall is less than 0·1 mm. per hour. By this criterion the day with the longest duration was February 13th with 14·7 hours. There were two other days with more than 12 hours. With regard to Tables 433, 444 it should be mentioned that in cases of slight precipitation spread out over several hours, amounts of 0·1 mm. have been credited to certain hours at equal intervals whilst the appropriate symbol for dew, hoarfrost, or wet fog is shown for the other hours.†

Snow or sleet fell on fifteen days, two being in February, four in March, the others in the last two months of the year. "Snow lying" at 7h was registered on two occasions, but the depth was never considerable. Snow which fell on November 27th accumulated to about 2 cm. and persisted for two days. No deeper deposit was recorded during the year.

Sunshine.—The average daily duration of bright sunshine (as recorded by the Campbell-Stokes instrument) was 3·98 hours or 0·06 hours below the normal. June was exceptionally bright. The total duration of sunshine, 271 hours (just over 9 hours per day), is the highest on record for June, though higher totals have been reached in May (315 hours in 1909 and 291 hours in 1922), and in July (334 hours in 1911, 291 hours in 1900, and 281 hours in 1887). The longest duration, 14·7 hours, occurred on June 4th, the percentage of the time the sun was above the horizon being 90 on that day. There were 65 sunless days in the year (including 18 in January and 14 in December), 47 days with more than 9 hours (including 19 in June), and 16 days with more than 12 hours.

Solar Radiation.—The most powerful sunshine measured was on June 1st, 89·5 milliwatts per square centimetre. The "Solar constant" being 135 mw/cm^2 the proportion of sunshine passing completely through the atmosphere on this occasion was 66 per cent.

Wind.—February 11th with an average speed of 10·6 metres per second was the most windy day of the year, but January 1st had the "highest hourly wind," 15·1 m/s. and the highest gust 26 m/s. At the other end of the scale were two days, January 10th and 11th, each credited with an average of 0·1 m/s. From 18h. on the 10th to 22h. on the 11th the total "run" of the anemometer cups was only one-third of a mile. The persistence of calms or exceedingly slight air currents during this long period is confirmed by the P.T. anemograms. Fog and frost prevailed at the time.

* This storm covered a very large area stretching from Kent to Cheshire (see *British Rainfall*, 1925)

† For explanation *See* General Introduction, p. 14.

The average winds for the individual months of 1925 varied considerably from 4·6 m/s. in February to 2·6 m/s. in August.

The hourly means for the whole year will be found at the foot of the December Table (instead of being reproduced, as in the 1922 and 1923 year books in the text). The lowest and highest hourly means, 2·6 m/s at 2h and 4 6 m/s at 13h, are both in good agreement with the normal values, computed for 1881-1915, 2·58 m/s and 4·52 m/s.

Earth Temperatures.—With regard to the table of earth temperatures it may be noted that at the beginning of the year the tubes containing the thermometers must have been reached by the underground water. The level of the underground water (Table 473) was above the bottom of the 122 cm. tube for a week. During this week the temperature recorded in this tube remained quite steady.

The annual means of the readings at the two depths were (30 cm.) 283 1a and (122 cm.) 283·6a. These means refer to 9h, a time at which the temperature at 30 cm is below the mean for the day. In fact it is known from thermograph records* that the correction required to get the mean for the day at this depth is on the average + 0·2a. With this correction applied the difference between the annual means at 30 cm. and 122 cm. is reduced to 0·3a.

Grass Minimum Temperatures.—The mean of the monthly means of "grass minimum" temperature for the year 1925 was 276·3a. The "grass minimum" readings were lower in March than in January and February. The lowest reading of the year, 262·7a. (13·5°F.) occurred on March 13th.

Level of Underground Water.—In Table 473 there is given for each day the mean height above sea level of the surface of the underground water. The level actually measured is the surface of water in a pipe which passes through the floor of the basement into the ground. The water level depends mainly on the state of the river Thames. The Observatory is close to Richmond lock, which is half-tidal, and the underground water is in summer a little below the level of low water above the lock (220 cm. above M.S.L.). The effects of the spring and neap tides are conspicuous in the fluctuations of level in summer.

At the beginning of the year the water level was high as the result of the flooding of the park by water which had overflowed the embankment along the Thames on December 28th, 1924. The water in the park subsided gradually, and there was a steady fall in the level of the underground water. The water was at its lowest very late in the year, on October 20th. The insignificant effect of the thunderstorm of July 22nd may be noticed.

Diary of Cloud and Weather.—As explained in the footnotes, observations are lacking at 15h on Sundays and a few other days. The last line in each monthly table gives the mean amount of cloud for each of the six hours of observation. The following mean data are derived from these :—

Mean Amount of Cloud from Six Observation Hours.

Month	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Cloud ...	7·8	7·3	7·1	7·1	6·4	5·0	6·8	7·4	6·8	7·2	5·9	6·6	6·8

Mean Amount of Cloud for the Year at the Six Observation Hours.

Hour ...	7h	9h	13h	15h	18h	21h
Cloud ...	6·9	6·8	7·6	7·4	6·7	5·6

* A thermograph with two bulbs was installed in 1923, the depth of one bulb being 10 cm., that of the other 30 cm.

The use of the symbols ≡ and ∞ in the weather columns of Tables 469-480 is governed as far as daylight observations are concerned by the following conventions, which are in accordance with the general practice adopted by the Meteorological Office.* If the Orange Tree Inn, 1,000 metres S.E. of the Observatory cannot be seen, there is fog ≡. If trees 200 metres away cannot be seen, there is thick fog $\equiv^2$. If the Orange Tree Inn can be seen but the chimney of the brewery at Mortlake, 4 kilometres away, if visible at all is not very clear, there is either mist $\equiv^\circ$ or haze∞, the distinction being made according to the relative humidity at the Observatory. On occasions when the humidity is 80 per cent. or above, the obscurity is attributed to mist; when the humidity is below that limit, to haze.

The symbols are used at night to indicate as nearly as may be the same degrees of atmospheric obscurity.

Atmospheric Electricity.

The systematic observations in atmospheric electricity are devoted to potential gradient, air-earth current and ionization. In the case of potential gradient there is continuous autographic registration; the other elements are observed each afternoon when conditions are favourable.

Potential Gradient.—The Kelvin water-dropper electrograph has been housed since 1915 in a low building known as the Clinical House. The pipe carrying the jet projects through a hole in a window and is adjusted so that the point where the jet breaks into spray is 1·50 m.† from the window and 1·73 m. above the pool into which the water falls.‡ The electrogram is a record of the difference of potential between the ground and the point where the jet breaks. The aim is, however, to obtain the potential gradient in the open. For this purpose observations are made at a site in the Observatory garden. The apparatus for these "absolute" observations consists essentially of a long insulated rod carrying at the end a lighted fuse, which is connected to an electrostatic voltmeter. Readings are taken with the fuse at one metre and at two metres above the ground, the grass on which is kept short. The observations are taken about noon on all convenient dry days. From the observations the ratio of the potential gradient in the garden to the potential recorded by the electrograph is computed. Such a ratio is given for each month in Table 487.

In the spring of 1924 there was a change in the surroundings of the site on the lawn where observations are taken; previously there had been fruit bushes and vegetables on either side of the grass plot. The ground was dug up in the spring and grass was sown in May, 1924. There is no indication in the run of the exposure factors that this had any effect.

There was, however, a notable change in the ratio between August and October, 1924. This change persisted, the average value of the ratio, which had been 2·15 in 1923, rose to 2·77 in 1925. It was shown eventually that the change could be accounted for by the erection in September, 1924, of an aerial for the reception of time-signals by wireless telegraphy. This affected the exposure of the electrograph but not that of the apparatus for absolute observations. There is therefore no reason to suspect the computed potential gradient values.

During the year§ two electrostatic voltmeters, No. 1684 and No. 1685, were used for the absolute observations. The voltmeters and also the electrograph are calibrated at frequent intervals by means of a Cambridge and Paul potentiometer, a high tension dry battery being used as a source of potential difference. The battery in use shewed signs of marked deterioration towards the end of the year. It was replaced early in 1926.

* The Meteorological Office convention as to mist and haze was altered in April, 1925 (*see The Observers' Handbook*, 1926), but for the present tables the earlier rules have been followed up to the end of the year.

† This measurement was made in July, 1926. It is believed that there has been no appreciable change since 1915.

‡ This height is regulated and has been kept the same.

§ As from January 1st, 1923, the electrostatic voltmeters took the place of the Kelvin portable electrometer, No. 81, previously used for this purpose.

The data appearing in Table 486 include the electrical character figure assigned to each day from the consideration of the electrograms. Of the character figures, 0 denotes the absence of negative potential, 1 implies the existence of negative potential at one or more times during the day but with a total duration of less than 3 hours, while 2 implies the existence of negative potential with a total duration exceeding 3 hours. As a negative potential gradient hardly ever occurs except when rain is in the neighbourhood, character 0 occurs on dry days and character 2 on days with continuous rainfall. The mean character figure for 1925 was 0·63, the same as that for 1924, and therefore appreciably above the average for the previous 14 years, 0·607.

Table 487 gives daily data derived from measurements of the electrograms. They represent means for 60-minute intervals centred at the exact hours 3h, 9h, 15h, and 21h G.M.T. Blanks indicate that the trace was in some way defective. On some occasions the curve, though existent, is so oscillatory that no satisfactory estimate is possible of the mean value of the ordinate. Such occasions are indicated by the letter *z*. If there is no doubt as to the sign of the hourly mean value, though a numerical measure is unobtainable, the sign is indicated by a + or a — attached to the *z*. The symbol *z* ± indicates that there were oscillations on both sides of the zero line, and that the sign of the mean value was uncertain.

The extreme hourly mean values in Table 487 are + 1160 v/m at 3h on December 4th and – 905 v/m at 21h on April 5th. The former value is representative of foggy conditions; on this particular occasion the fog developed in the afternoon of the 3rd and persisted throughout the 4th with a high potential gradient all day. The extreme negative potential gradient of April 5th was associated with light rain following drizzle. The potential gradient was persistently negative and free from large oscillations from 15h. until after midnight, during which time light rain or drizzle was falling continuously.

Of the two sets of mean monthly values at 3h, 9h, 15h and 21h given in Table 487 at the foot of each month's data, the first set (*a*) represents the arithmetic means of all the positive potentials in the column, the second set (*b*) represents the algebraic mean derived from all days on which all four hours were represented. The last line gives the mean value for each month as derived from the (*a*) and the (*b*) values respectively.

For reasons explained in the 1922 Year Book, it is believed that the values (*a*) may be expected to give approximately the true monthly mean from all days when negative potentials are excluded, while the values (*b*) may be expected to give approximately the true monthly mean when negative potentials are included. But a reservation is necessary in both cases, for the highly oscillatory occasions such as are met with during thunderstorms have been omitted, and this omission may have a sensible effect.

If the monthly means in Tables 487 and 488 be compared, it will be found that the quiet day mean is the highest in nine months out of the twelve. In some of the nine months its excess over the mean (*a*)—which generally exceeds the mean (*b*)—is considerable. For the year as a whole, allowing equal weight to the 12 months, the quiet day mean, the mean (*a*), and the mean (*b*) are respectively 326 v/m, 301 v/m, and 283 v/m. In each case the values are very similar to those for 1924, which were 329 v/m, 300 v/m and 283 v/m.

As to comparison with earlier years it is to be noted that the present method of making the "absolute" observations was initiated at the beginning of 1910. Since then there has been no considerable change in the exposure at the control station. The annual mean potential gradient for selected quiet days is available from that date onwards.*

* Estimates for the years 1898–1909 are given by Chree, *Phil. Trans.* A (1915) p. 141. The change of site of the electrograph in 1915 is discussed in *Hourly Values*, 1916.

1910	310 v/m	1916	367 v/m	1922	318 v/m
11	301 v/m	17	354 v/m	23	318 v/m
12	300 v/m	18	346 v/m	24	329 v/m
13	335 v/m	19	331 v/m	25	326 v/m
14	345 v/m	20	315 v/m		
15	354 v/m	21	281 v/m		

The average for the 16 years is 327 volts per metre.

The low minimum of 1921 was probably to be attributed in part to the exceptional atmospheric conditions prevailing during the coal strike of that year. Apart from this abnormality a smooth change of potential gradient is to be noticed. In fact, the figures have been quoted* by Dr. Bauer as evidence for a connection between atmospheric electricity and solar activity.

The diurnal inequalities and the mean monthly and annual values in Table 488 are based on the curves of quiet days selected from those entirely free from negative potential. Other objects aimed at in the selection of the days are freedom from large irregular movements, absence of indications of inferior insulation in the electrograph, and the avoidance, so far as possible, of large non-cyclic changes. The quiet days numbered 10 in each month; but to complete that number in February, April and December it was necessary to include several 24-hour periods which did not commence at midnight.

Except in these cases the non-cyclic change is given explicitly in Table 488, so that anyone who may desire to reproduce the figures as they were before the non-cyclic correction was applied can easily do so.

All the inequalities show a well marked double oscillation with minima in the early morning and early afternoon, maxima in the late morning as well as in the evening. The diurnal inequality for the whole year shows the higher maximum at 19h, the lower minimum at 3h. This is not the case in every year. The hours of the extremes and the range of the inequality is given for each year from 1910 in the following list.

Year.	Max. hr.	Min. hr.	Range v/m	Year	Max. hr.	Min. hr.	Range v/m	Year.	Max. hr.	Min. hr.	Range v/m
1910	20	4	138	1916	20	4	151	1922	20	4	144
1911	9	4	154	1917	20	4	154	1923	9	4	160
1912	9	4	149	1918	20	2	139	1924	20	4	133
1913	19	3, 4	160	1919	8	4	124	1925	19	3	129
1914	20	3	169	1920	9	3	122				
1915	19	5	173	1921	20	3, 4	132				

It will be seen that the range has been considerably lower in most recent years than it was in the years 1911 to 1917.

If the inequalities for the year and the seasons are compared with the corresponding inequalities for atmospheric pollution given in Table 490, a remarkably close similarity will be noticed in the hours of occurrence of the principal maxima and minima. The main outstanding difference occurs in the summer months, when the prominent principal minimum of pollution is in the afternoon whereas that of the potential gradient is in the early morning. It should be borne in mind that the same days have not been used in obtaining these inequalities.

Air-earth Current.—To determine the current flowing from air to earth, the conductivity of the atmosphere at one metre above the ground is measured by means of the Wilson universal electrometer.† For calculating the conductivity at 15h, four observations, each giving the leakage from a charged plate in 5 minutes, are averaged. The product of the conductivity so determined and the potential gradient at 15h (as

* Washington, Carnegie Institution. Researches of the Dept. of Terr. Mag., Vol. V., pp. 361–384.
† *Proceedings of the Cambridge Philosophical Society*, Vol. 13, p. 184 (1906).

given in Table 486) is taken as the measure of the air-earth current. The conductivity is not observed during rain nor when the potential gradient is negative. Data are available for about two-fifths the days of the year 1925.

The conditions under which the air-earth current is measured are maintained as uniform as possible, but they differ from the conditions under which the vertical current passes from the air to the earth in the absence of the apparatus. The presumption is that the results obtained would require to be multiplied by a factor to represent the true air-earth current. The monthly mean of the observed values of the current varied from 0·34 in December to 1·18 in May in terms of the unit 1×10^{-16} ampere per square centimetre. Allowing equal weight to each month we find that the mean for the year in terms of the above unit is 0·78. The mean derived directly from the 144 observations is 0·78. There is very little difference from the corresponding values for other years.

There is some doubt as to the comparability of observations made with the Wilson apparatus and other estimates of the air-earth current. Determinations based on separate measurements of the conductivity for positive and negative electricity have yielded on the continent averages about 2×10^{-16} amperes per square centimetre.

Ionic Charges.—Table 486 also gives the volume-charges carried by such positive and negative ions (including all of the more mobile type) as are caught by the Ebert apparatus.* The observations extend over some 20 minutes near 15h, being simultaneous with the experiments with the Wilson electrometer.

Normally, two Ebert instruments are in use, one charged positively, the other negatively, the signs alternating from day to day.

During the first five months of the year only one instrument was used, No. 2965, as the other No. 3327 was being fitted with new fibres by the makers. No. 3327 was returned in May, and both were in use during June, when the clockwork of No. 2965 broke down. Both instruments were again in use during November and December. During the months when only one instrument was availble, observations of positive and negative ionization were made on alternate occasions.

In interpreting the observations it is to be borne in mind that even in pure mountain air the greater part of the electric charge is carried by the sluggish "Langevin" ions. In less pure air a still higher proportion of the ions is immobilised and there is a decrease in the number of the small ions, i.e., of ions such as are caught by the Ebert apparatus and are effective in producing the conductivity of the atmosphere.

As is usual at Kew the highest values of the measured ionization occurred during the summer half of the year. Positive ionization exceeding 1×10^{-16} coulomb per c.c. occurred on days in June and August. The negative ionization exceeded the same limit on August 21st. In foggy weather the number of small ions is very small and uncertain. The lowest ionization tabulated occurred on February 16th and June 19th, $-0{\cdot}13 \times 10^{-16}$ coulomb per c.c. in each case. The averages for the year were $+\ {\cdot}51$ and $-{\cdot}42 \times 10^{-16}$ coulomb per c.c. According to Millikan's experiments† the ionic charge is $15{\cdot}9 \times 10^{-20}$ coulomb, so that these averages correspond respectively with 320 positive and 265 negative ions per c.c. These averages are much lower than those obtained by observers in other countries. According to Bauer and Swann‡ the means for the principal observations reported at land stations before 1917 were 737 positive and 668 negative ions per c.c.

* *Physikalische Zeitschrift*, Vol. 8, No. 8, p. 246 (1907).
† Phil. Mag. (6) 34 (1917) 3.
‡ Washington, Carnegie Institution. *Researches Dept. of Terr. Mag.*, Vol. III (1917) p. 811.

ATMOSPHERIC POLLUTION.

The Owens atmospheric pollution recorder or air filter No. 1* is normally situated in the Clinical House, and the air it samples is about $1\frac{1}{2}$m. above that of the adjacent ground. From May 28th to September 28th and from October 2nd to the end of the year it was housed in the "clock room," the air being drawn into the instrument from a point outside at the same level as at the original site. The weight of the pollution is not obtained directly, but is deduced from shade numbers 0, 1, 2, etc., assigned to the deposit left on filter paper through which a measured volume of air has been drawn. Shade number 1 answers to 0·32 milligrams per cubic metre, according to Mr. J. G. Clark's determinations.†

Table 489 gives mean hourly values derived from all the days of the month for which complete records were obtained. There were 317 such days in the year. The highest and lowest of these hourly values are in heavy type.

Table 490 gives diurnal inequalities derived from the data in Table 489 after the application of non-cyclic corrections. The principal reason for computing the diurnal inequalities was to facilitate comparison with the corresponding diurnal variations in barometric pressure and the potential gradient of atmospheric electricity.

Record was never entirely lacking for a single day, but for the greater part of a good many other days it was owing to defective behaviour of the apparatus. Of the days of complete record January 11th was the dirtiest, the mean amount of pollution from the hourly values being 2·3 milligrams per cubic metre. The day was foggy throughout, being the middle day of three days of continuous fog. The fog became very dense in the late evening of the 11th, and the pollution attained a maximum value of 6·4 milligrams per cubic metre at 20h. This was the highest hourly value in the year.

The winter months of 1925 were equal in dirtiness with those of 1924, but the summer months were much cleaner.

Allowing equal weight to each month the mean value computed for the year 1925 was ·263 milligrams per cubic metre, as compared with ·323 in 1924, ·305 in 1923, ·394 in 1922 and ·307 in 1921. In any discussion of these mean values it should be borne in mind that at Kew Observatory the great majority of estimates are shade 0 or shade 1. To discriminate between these two shades is difficult and the decision depends on the "personal equation" of the observer. Some change in standard from year to year is inevitable.

The nature of the diurnal variation is most easily recognised in Table 490. There is always a well defined minimum during the night and another in the early afternoon. The first maximum of the day usually occurs about 9h and the second one follows about 12 hours later. This double oscillation is apparently due to two causes, the variation in human activity in producing pollution and the variation in the wind which disperses it. In summer the principal maximum is in the forenoon, the principal minimum in the early afternoon. In winter, on the other hand, the greatest pollution is recorded in the evening, the least in the early hours of the morning.

SEISMOLOGY.

Table C, shown below, gives a résumé of the results obtained during the period January 1st to June 17th from the Milne seismograph (No. 9) in the basement.‡ The boom pointed north and south, so the instrument indicated movements of the ground in the east-west direction. Observations to determine the sensitiveness

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* A description of the instrument is given in the *Report of the Advisory Committee for Atmospheric Pollution*. 4th Report, 1917–1918 (p. 20).

† London, M.O. *Report of the Advisory Committee for Atmospheric Pollution*. 3rd Report, 1916–1917 (p. 20).

‡ **The Milne instrument was removed in June, 1925, the room it occupied being required for the recording apparatus of the Galitzine seismographs.**

made on December 5th, 1924, and May 8th, 1925, gave results in close agreement, the mean value found for the angle of tilt answering to 1 mm. ordinate on the trace being 0·55″. Observations made on the oscillation period on these three occasions gave a mean of 17·2 seconds. In an instrument of this type it is difficult, if not impossible, to discriminate between the different kinds of waves, and there is often considerable uncertainty as to the time of commencement. Thus the information given in Table C is confined to the time of the largest movement and its amplitude. Numerical measurements are not given if the measured amplitude is less than 1 mm. The letters *a, b, c* denote amplitudes on an increasing scale, *a* representing an amplitude not exceeding 0·2 mm., *b* an amplitude of at least 0·2 mm., but less than 0·5 mm., and *c* an amplitude of at least 0·5 mm., but less than 1·0 mm. The amplitude is partly determined by the approach in the period of the earthquake wave to the natural period of the boom, but a large amplitude is never experienced unless the eathquake has been a really considerable one.

The greatest amplitude recorded during the period, on March 1st, was due to an earthquake near Quebec. The disturbance of April 16th originated in Formosa.

The Milne seismograph was put out of action on June 18th, when preparations for the installation of the Galitzin seismographs from Eskdalemuir were begun. Trials of the latter instruments were made from October 15th to the end of the year. They have been in regular operation since January 1st, 1926.

TABLE C.—SEISMOLOGICAL DIARY.

Richmond (Kew Observatory). Times G.M.T. **1925.**

Date.	Maximum.		Date.	Maximum.		Date.	Maximum.		Date.	Maximum.		Date.	Maximum.		Date.	Maximum.	
	Time.	Amp.		Time.	Amp.		Time.	Amp.		Time.	Amp.		Time.	Amp.		Time.	Amp.
	h. m.	mm.		h. m.	mm.		h. m.	mm.		h. m.	mm.		h. m.	mm.		h. m.	mm.
Jan. 9	18 4	*b*	Feb. 1	6 21	*c*	Mar. 1	2 45	3·9	April 5	3 24	*b*	May 3	18 33	1·3	June 3	5 43	*c*
18	13 3	2·9	2	20 37	1·4	1	13 20	*b*	5	22 33	*a*	4	0 3	1·2	4	12 47	*a*
26	19 53	*c*	9	15 51	*c*	16	15 29	1·5	11	11 46	1·2	5	11 14	1·4	8	0 39	*a*
28	4 54	1·3	13	15 26	*b*	22	10 43*	1·5	16	20 46*	3·7	6	0 32	*c*	9	15 3	1·3
28	11 47	*b*	16	18 33	*a*	29	22 1	*c*	23	0 18	*a*	7	15 35	*b*	13	21 7	*a*
			20	1 53	*c*							15	13 1	*a*	14	23 16	*a*
				1 58								19	6 25	*c*			
			24	0 35	*c*							20	12 6	*a*			
												22	10 42	*a*			
												23	3 00	1·4			
												24	2 23	*b*	Instrument dismantled from June 18.		
												25	4 46	*b*			
												25	17 12	*b*			
												26	16 35	*a*			
												27	2 54	*a*			
												28	6 59	*b*			

* *Times uncertain.*

Readings in millibars at exact hours, Greenwich Mean Time.

387. Richmond (Kew Observatory) : H_b (height of barometer cistern above M.S.L.)= 10·4 metres. **January, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	007·0	007·0	008·5	008·6	008·3	008·3	008·5	008·8	008·4	008·2	007·3	006·4	005·1	004·6	003·5	002·9	002·1	000·5	998·9	998·3	996·6	996·1	995·5	996·6	004·2
2	997·8	998·1	998·1	997·8	995·9	994·0	991·7	991·1	989·7	989·0	988·2	987·3	985·9	986·1	987·0	987·3	988·9	989·7	991·0	992·2	993·4	993·8	994·5	994·8	**991·8**
3	995·5	996·3	996·3	996·4	996·5	996·3	996·9	998·1	998·3	998·6	999·4	999·7	000·0	999·8	000·3	000·3	000·6	000·9	000·7	000·8	000·4	999·8	998·0	996·3	998·6
4	994·9	994·4	994·8	996·2	996·7	997·6	998·5	999·4	000·5	002·1	003·0	003·9	004·4	004·9	005·2	005·7	006·8	007·6	008·1	009·1	009·5	010·5	011·3	012·0	002·9
5	012·8	013·7	014·4	015·1	015·4	015·8	016·7	017·6	018·4	019·2	019·5	019·7	019·5	019·5	019·8	020·1	020·3	020·8	021·0	021·3	021·7	021·9	022·2	022·2	018·5
6	022·4	022·7	022·9	023·2	023·4	024·0	025·0	026·3	027·5	028·6	029·3	029·6	029·9	030·6	030·9	031·5	032·2	032·8	033·5	033·7	033·9	033·9	034·0	034·1	028·7
7	033·9	033·7	033·6	033·3	032·8	032·5	032·1	032·3	032·2	032·4	032·4	032·0	031·7	031·3	031·0	031·1	031·1	031·3	031·2	031·1	030·9	030·9	030·7	030·3	032·0
8	029·9	029·7	029·3	028·6	027·9	027·4	026·7	026·2	025·3	025·2	024·4	023·6	022·4	021·3	020·6	020·1	019·0	018·4	016·9	016·4	014·9	014·2	013·3	011·6	022·6
9	011·7	011·6	011·5	011·6	011·9	012·7	014·4	016·3	018·2	019·9	021·5	022·7	023·4	024·8	025·9	027·0	028·0	029·0	030·0	030·6	031·0	031·6	031·8	031·9	021·6
10	032·0	032·1	032·5	032·7	032·7	033·0	032·8	033·0	033·6	034·1	034·0	033·8	033·3	033·1	033·1	033·1	033·3	033·4	033·6	033·7	033·9	033·8	033·8	033·7	033·2
11	033·4	033·2	033·0	032·9	032·7	032·7	032·7	033·0	033·1	033·4	033·3	032·9	032·2	031·7	031·6	031·7	031·5	031·7	031·5	031·6	031·3	031·3	030·9	030·6	032·3
12	030·5	030·5	030·0	029·8	029·4	029·5	029·3	029·5	029·5	029·4	028·9	028·1	027·1	026·6	026·4	026·0	025·7	025·5	025·1	024·7	024·3	023·9	023·7	023·7	027·5
13	023·4	023·3	023·2	023·2	023·1	023·4	023·5	023·8	023·7	023·6	023·9	023·8	023·6	022·7	022·4	022·5	022·5	021·9	021·6	021·0	020·4	020·2	019·1	018·4	022·5
14	017·1	016·6	015·7	015·4	015·3	015·3	015·3	015·6	015·8	016·3	016·8	016·9	016·5	016·5	016·5	016·7	017·0	017·4	017·6	017·6	017·9	018·2	018·2	018·0	016·7
15	017·8	017·7	017·8	017·8	017·9	018·2	019·1	020·3	021·6	024·0	025·6	026·4	026·9	028·0	029·2	030·3	031·5	032·4	033·2	033·8	034·5	035·6	036·1	036·8	026·0
16	036·5	036·7	037·0	036·7	036·6	036·8	037·1	037·7	037·6	037·4	036·9	036·2	035·4	034·9	034·6	034·6	034·6	034·5	034·5	034·5	034·4	034·4	034·2	034·0	035·8
17	033·8	033·6	033·4	033·3	033·2	033·3	033·3	033·3	033·4	033·4	033·7	033·4	033·1	033·0	033·1	033·3	033·4	033·6	034·1	034·1	034·2	034·4	034·7	034·7	033·6
18	034·8	034·8	034·6	034·7	034·8	034·9	035·3	035·7	036·0	036·1	036·0	035·8	035·5	035·3	035·3	035·4	035·7	036·1	036·5	036·6	036·8	037·2	037·5	037·7	035·7
19	037·7	037·7	037·6	037·9	037·8	038·0	038·3	038·7	039·6	040·2	040·3	040·1	039·7	039·4	039·4	039·5	039·7	039·8	039·9	039·9	040·3	040·3	040·3	040·1	**039·2**
20	040·0	039·8	039·5	039·4	038·7	038·8	038·7	038·7	038·8	038·9	038·6	038·2	037·6	037·0	036·4	036·2	036·0	035·9	035·9	035·8	035·7	035·7	035·5	034·9	037·6
21	034·1	033·8	033·2	032·8	032·4	032·2	031·8	031·8	031·9	032·2	031·6	031·2	030·9	030·4	030·2	030·0	029·9	030·0	030·1	030·0	029·9	029·8	029·5	029·4	031·3
22	029·0	028·8	028·5	028·3	027·9	027·5	027·3	027·3	026·7	026·5	025·9	024·6	023·7	023·0	022·6	022·5	022·4	022·6	022·4	022·3	022·0	021·8	021·4	021·1	025·0
23	020·6	020·5	020·4	020·7	021·4	022·1	023·1	023·9	024·7	025·3	025·9	025·8	025·5	025·5	025·3	025·6	025·7	025·8	025·9	026·1	026·2	026·3	026·6	026·6	024·3
24	026·6	026·8	027·0	027·2	027·4	027·8	027·8	028·2	028·5	028·6	028·4	028·3	027·9	027·4	027·3	027·3	027·3	027·3	027·3	027·2	027·3	027·2	027·2	027·3	027·5
25	027·0	027·1	026·9	026·8	026·8	027·2	027·4	027·8	028·2	028·5	028·7	028·6	028·5	028·5	028·4	028·6	028·8	029·0	029·5	030·0	030·4	030·7	031·3	031·4	028·5
26	031·4	031·3	031·2	031·1	030·8	030·8	030·8	030·9	031·2	031·1	031·2	030·8	030·1	029·7	028·9	028·6	028·4	028·4	028·3	027·9	027·4	027·0	026·5	025·9	029·7
27	025·3	024·7	024·2	023·6	023·3	022·8	022·5	022·3	022·1	022·1	021·7	021·0	020·3	019·5	019·1	018·9	018·7	018·6	018·5	018·3	017·7	017·5	017·3	017·4	020·9
28	017·1	017·0	017·2	017·4	017·7	017·9	018·4	018·5	019·1	019·4	019·3	019·2	018·4	017·8	017·4	016·7	015·9	016·1	016·3	016·7	017·2	017·9	018·4	019·3	017·7
29	019·7	020·5	020·4	020·6	021·3	021·0	020·8	020·4	019·6	018·9	017·4	016·2	014·5	013·2	013·0	012·6	012·3	012·1	011·7	011·7	011·8	012·1	012·2	012·7	016·3
30	012·7	013·3	014·3	015·3	015·9	016·1	016·1	016·3	016·6	017·3	017·1	017·0	017·1	017·1	017·1	017·1	017·2	017·6	017·7	017·5	017·3	017·6	017·2	017·0	016·4
31	017·1	017·0	016·8	017·0	016·5	016·6	016·7	016·7	016·6	016·6	016·7	015·9	014·9	013·3	013·1	011·2	009·4	011·1	011·8	012·2	012·9	013·9	014·2	015·2	014·8
Mean (Station level)	1022·69	1022·71	1022·70	1022·75	**1022·66**	1022·73	1022·86	1023·21	1023·43	1023·76	**1023·77**	1023·52	1023·07	1022·79	1022·73	1022·72	1022·77	1022·96	1023·04	1023·12	1023·10	1023·21	1023·13	1023·09	1023·02
Mean (Sea level)	1024·00	1024·01	1024·01	1024·06	**1023·96**	1024·03	1024·16	1024·52	1024·74	1025·06	**1025·37**	1024·82	1024·36	1024·08	1024·02	1024·02	1024·07	1024·26	1024·34	1024·42	1024·40	1024·51	1024·43	1024·39	1024·32

388. Richmond (Kew Observatory) : H_b=10·4 metres. **February, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	016·2	017·4	018·4	019·3	020·4	021·4	023·0	024·3	024·7	025·4	026·3	027·1	027·5	027·6	027·6	028·2	028·5	028·8	029·0	029·5	030·2	030·9	031·3	031·6	025·3
2	031·4	031·4	031·3	031·4	031·4	031·8	032·0	032·3	032·7	032·9	032·8	032·7	032·3	031·6	031·6	031·6	031·5	031·6	031·8	031·8	031·6	031·4	031·4	031·3	**031·8**
3	030·8	030·7	030·2	029·6	029·6	029·3	029·2	029·4	029·5	029·8	029·7	029·4	028·8	028·5	028·4	028·6	028·7	028·7	028·7	028·7	028·8	028·8	028·9	029·0	029·3
4	028·7	028·7	029·1	029·2	029·4	029·9	030·6	031·2	031·8	032·4	032·6	032·3	031·7	031·5	031·4	031·3	030·9	031·0	030·9	030·7	030·8	030·7	030·4	029·8	030·7
5	029·3	028·5	027·7	027·2	027·0	026·7	026·3	026·1	025·7	025·4	024·9	024·2	022·8	022·1	021·2	021·0	020·5	020·0	019·4	018·9	018·4	018·1	017·5	016·6	023·4
6	015·7	014·9	014·2	013·4	012·6	011·8	011·2	010·9	010·7	010·9	011·2	011·0	010·4	009·9	009·6	009·5	009·3	009·4	009·2	009·2	009·2	009·2	009·3	009·3	011·1
7	009·4	009·6	009·7	009·9	010·2	010·7	011·2	012·0	012·5	013·0	013·6	013·9	014·1	014·3	014·4	014·9	014·9	015·2	015·4	014·9	014·8	014·2	012·9	011·4	012·7
8	010·1	008·4	006·8	004·8	003·1	002·4	001·6	001·9	002·2	002·4	003·1	003·3	003·4	003·1	003·1	002·9	002·5	002·5	002·7	002·9	002·6	002·9	003·3	004·0	003·7
9	004·2	004·9	005·7	006·2	007·0	007·5	008·3	009·2	010·4	010·6	010·9	010·7	010·2	009·2	007·8	006·6	005·1	004·0	003·4	005·0	007·5	009·7	010·8	011·8	007·6
10	012·6	012·8	012·4	012·1	012·1	011·8	011·5	011·2	010·5	010·3	010·1	009·3	008·9	008·5	008·0	008·0	007·2	006·5	006·7	006·2	005·3	005·0	004·0	003·7	009·1
11	003·0	002·4	001·6	000·7	000·0	999·5	999·2	999·2	998·4	997·9	997·3	996·6	995·6	994·6	993·6	992·8	991·8	990·5	088·8	987·6	986·7	984·8	986·5	989·4	995·2
12	991·1	992·7	993·0	993·3	993·6	994·2	994·5	995·1	995·6	996·4	996·3	996·4	996·5	996·3	996·6	997·1	997·2	997·3	997·3	997·4	996·7	996·5	995·9	995·3	995·4
13	994·2	992·2	989·3	986·2	983·7	984·7	985·4	986·3	986·5	986·7	986·8	986·6	986·0	985·7	985·2	985·1	984·4	984·0	984·0	983·6	982·8	982·0	981·0	980·2	985·8
14	979·4	979·3	979·3	979·8	980·2	980·4	981·2	982·6	983·5	984·4	985·2	985·5	985·5	986·0	986·3	987·0	987·6	987·8	988·4	988·8	988·9	989·1	989·5	989·8	984·6
15	989·9	990·5	990·4	990·7	990·9	991·2	991·7	992·3	992·1	992·7	992·1	991·7	991·5	991·4	991·2	991·4	991·5	991·8	992·1	992·2	992·7	993·3	993·7	994·2	991 7
16	994·1	994·4	994·2	994·4	994·6	994·9	995·4	996·0	996·1	996·5	997·1	997·3	997·3	997·3	997·6	998·0	998·1	998·5	998·8	998·8	999·1	998·8	998·8	999·0	996·8
17	998·9	998·9	998·6	998·5	998·9	999·0	999·2	999·7	999·8	000·2	000·4	000·6	000·7	000·8	001·1	001·3	001·9	002·5	003·0	003·4	003·8	003·9	004·1	004·2	000·9
18	004·3	004·2	004·0	004·0	004·1	004·1	004·6	905·2	005·4	005·9	006·5	006·5	006·3	006·5	006·4	006·6	007·4	007·8	008·1	008·5	008·7	009·1	009·2	009·3	006·3
19	009·5	009·4	009·4	009·3	009·4	009·4	009·9	010·4	010·1	010·1	010·2	010·3	010·0	009·8	009·8	009·8	010·2	010·6	011·0	011·4	011·9	012·4	012·4	012·6	010·3
20	012·7	012·7	012·7	012·7	012·6	012·8	012·8	013·3	013·4	013·1	013·0	012·8	012·2	012·0	011·7	011·6	011·4	011·5	011·6	011·7	011·6	011·6	011·3	011·1	012·3
21	011·0	010·5	010·1	009·7	009·2	009·1	009·2	009·4	009·6	009·4	009·5	009·5	009·1	009·1	009·0	009·2	009·3	009·9	010·3	010·7	011·2	011·4	011·6	012·1	009·9
22	012·2	012·2	012·1	012·1	012·0	012·2	012·3	012·9	013·0	013·0	012·9	012·5	011·8	011·1	010·4	009·9	009·1	008·6	007·9	007·2	006·2	005·1	004·1	003 3	010·4
23	001·7	000·8	999·3	997·9	996·9	996·4	996·0	995·9	996·1	996·6	996·8	996·7	996·5	996·6	996·9	997·2	997·7	998·7	999·3	999·8	000·4	000·9	001·6	001·7	998·3
24	001·6	001·4	001·3	001·2	001·0	000·3	999·3	998·2	997·0	995·6	993·5	991·3	989·7	987·8	985·8	986·3	987·0	987·6	987·9	988·2	988·3	988·5	988·6	989·0	993·4
25	989·0	989·1	988·9	989·2	989·3	989·6	990·0	989·9	989·6	989·6	988·6	987·7	986·7	985·5	984·3	983·9	984·5	984·6	984·6	984·8	984·9	985·1	984·4	983·9	987·1
26	982·0	979·1	976·5	974·9	973·8	973·3	973·1	973·2	973·3	973·3	973·1	972·9	972·2	971·9	971·5	971·4	970·4	969·8	969·8	968·9	968·8	969·0	969·9	970·9	**972·9**
27	971·8	972·5	972·7	973·1	973·7	974·3	975·2	976·1	977·3	977·8	978·8	979·0	979·0	979·2	979·6	980·3	981·2	982·3	983·0	983·7	984·4	985·0	985·7	986·3	978·5
28	987·0	987·6	987·8	988·0	988·8	989·4	990·0	991·0	991·6	992·4	992·9	993·3	993·4	993·5	993·5	993·8	994·2	994·9	995·6	995·9	996·6	997·1	997·3	997·5	992·4
Mean (Station level)	1004·35	1004·19	1003·81	1003·53	1003·41	1003·50	1003·71	1004·11	1004·25	1004·45	**1004·51**	1004·33	1003·93	1003·62	**1003·34**	1003·40	1003·36	1003·44	1003·53	1003·59	1003·67	1003·73	1003·76	1003·87	1003·82
Mean (Sea level)	1005·63	1005·47	1005·09	1004·81	1004·69	1004·78	1004·99	1005·39	1005·53	1005·73	**1005·78**	1005·59	1005·20	1004·89	**1004·61**	1004·67	1004·63	1004·71	1004·80	1004·86	1004·95	1005·01	1005·04	1005·15	1005·10
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

Note.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

389. Richmond (Kew Observatory) : H_b (height of barometer cistern above M.S.L.) = 10·4 metres. **March, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	997·7	998·1	998·1	998·4	998·6	998·9	999·7	000·2	000·6	001·4	001·6	001·7	001·6	001·5	001·7	002·6	003·0	003·3	003·9	004·6	005·1	005·6	006·5	007·1	**001·5**
2	007·8	008·3	008·7	009·2	010·0	010·7	011·7	012·7	013·8	014·6	015·4	015·6	015·8	016·4	016·8	017·3	018·1	018·7	018·7	019·3	019·7	020·3	020·4	020·4	014·7
3	020·2	020·0	019·8	020·1	020·3	020·8	021·0	021·6	021·8	022·2	022·4	022·7	022·6	022·6	023·0	023·2	023·7	024·4	025·1	025·7	026·2	026·6	026·8	027·2	022·8
4	027·7	028·1	027·9	027·9	028·2	028·9	029·9	030·3	031·0	030·6	030·6	030·6	030·4	030·4	030·1	029·8	030·1	030·6	031·1	031·0	031·0	030·9	030·6	030·6	029·9
5	030·4	030·0	029·5	029·2	029·4	029·7	029·6	029·8	029·9	029·7	029·6	029·0	028·1	027·6	027·1	026·5	025·8	025·7	025·5	024·9	024·4	024·2	023·7	022·9	027·8
6	022·3	021·6	020·7	020·2	019·6	019·3	018·8	019·0	118·6	018·5	017·9	017·7	017·0	016·3	015·8	015·9	015·7	015·6	015·7	015·4	014·9	014·8	014·6	014·2	017·7
7	014·0	013·4	012·5	012·4	012·3	012·1	011·8	012·1	011·8	011·5	011·5	011·1	010·5	010·1	009·5	009·3	009·2	009·2	009·1	008·6	007·9	007·7	006·9	006·5	010·6
8	006·2	005·9	005·1	004·8	004·8	004·8	004·9	005·2	005·3	005·3	005·9	006·5	007·1	007·3	008·2	009·2	011·0	012·2	013·1	013·7	014·6	015·2	015·3	015·4	008·4
9	015·6	016·0	016·2	016·3	016·5	017·0	018·0	018·6	018·7	019·2	019·6	019·9	019·7	019·6	019·3	019·6	020·0	020·5	020·9	021·6	022·3	023·1	023·3	023·7	019·2
10	024·2	024·7	024·8	025·7	026·5	026·7	027·3	027·8	028·2	028·8	029·3	029·5	029·4	029·0	028·8	028·7	028·7	028·8	028·9	028·9	028·7	028·3	027·7	027·1	027·7
11	025·8	024·4	023·1	022·3	021·0	020·3	019·9	019·9	020·1	020·7	021·7	022·3	022·6	022·9	022·6	023·0	023·7	024·0	024·6	024·7	025·1	025·2	025·1	025·1	023·0
12	024·9	024·8	024·7	024·9	024·9	025·2	025·6	026·2	026·7	027·3	027·9	028·2	028·4	028·9	029·2	029·5	029·9	030·6	031·0	031·4	031·7	032·0	032·2	032·1	028·1
13	032·2	032·2	031·8	031·6	031·6	031·5	031·6	031·6	031·1	030·6	029·6	029·1	028·2	027·9	026·5	026·0	025·0	024·5	023·8	023·2	022·3	021·6	021·1	020·8	028·0
14	020·3	020·1	019·6	019·5	019·6	019·6	019·6	019·5	019·5	019·5	019·7	019·5	018·8	018·8	018·2	018·2	018·3	018·4	018·7	019·0	019·3	019·7	019·7	020·0	019·3
15	020·1	020·2	020·4	020·8	021·5	021·9	023·1	023·9	024·9	025·5	025·9	026·4	026·9	027·1	027·4	027·7	028·3	029·1	029·9	030·5	031·1	031·7	031·9	032·4	025·9
16	032·7	032·8	032·7	032·9	033·2	033·5	034·1	034·6	035·0	034·7	034·5	034·5	034·2	033·6	032·9	032·8	032·8	032·8	032·7	032·7	032·2	032·2	031·8	031·5	**033·2**
17	031·5	030·9	030·7	030·1	029·8	029·6	029·5	029·5	029·4	029·5	029·5	029·5	029·2	029·1	029·1	029·3	029·3	029·5	029·6	030·1	030·3	030·5	030·6	030·6	029·9
18	030·5	030·6	030·7	030·9	031·1	031·5	031·7	032·1	032·2	032·4	032·2	032·0	031·6	031·4	031·0	030·9	031·1	031·6	032·0	032·2	032·6	032·9	032·6	032·8	031·6
19	032·7	032·5	032·2	032·2	032·0	032·1	032·3	032·5	032·2	031·9	031·7	031·4	030·8	030·3	029·7	029·4	029·2	029·2	029·1	029·0	028·6	028·4	028·1	027·8	030·7
20	027·2	026·6	025·7	025·1	024·7	024·4	023·9	023·5	022·9	022·4	021·7	020·9	019·7	018·6	017·5	016·7	015·4	014·8	014·1	014·4	014·7	015·1	015·2	015·3	020·3
21	015·3	015·2	015·1	015·1	015·2	015·2	015·2	015·4	015·5	015·7	015·6	015·9	016·0	015·5	015·3	015·7	015·7	016·0	016·3	016·6	016·8	016·9	016·8	016·6	015·7
22	016·7	016·7	016·9	017·2	017·5	017·8	018·6	019·1	019·7	020·2	020·2	020·1	019·9	019·8	019·8	020·0	021·0	021·6	022·1	022·7	022·7	022·8	023·0	023·0	019·8
23	022·7	022·6	022·2	022·2	022·2	022·1	022·0	022·0	021·8	021·5	020·7	020·2	019·6	018·8	018·1	017·9	017·5	017·2	017·1	017·0	016·6	016·4	016·0	015·7	019·7
24	015·0	014·3	013·7	013·5	013·1	013·0	012·7	012·5	012·4	012·3	011·7	011·1	010·6	010·0	009·3	008·9	008·6	008·9	009·0	008·7	008·7	008·6	008·9	009·0	011·2
25	008·8	008·6	008·3	008·3	008·4	008·6	008·7	009·0	009·1	009·5	009·5	009·5	009·4	009·2	008·9	008·9	009·0	009·7	010·1	010·6	011·0	011·7	012·0	012·6	009·5
26	012·8	013·2	013·4	013·8	013·9	014·9	015·6	015·9	016·2	016·0	016·0	016·1	015·7	015·2	014·9	014·6	014·8	015·1	015·7	015·9	016·1	016·0	015·7	015·4	015·1
27	015·1	014·9	014·6	014·2	013·9	014·1	014·4	014·7	014·6	014·8	014·8	015·1	015·0	015·0	014·9	015·1	015·6	016·2	016·7	017·3	017·6	017·8	017·8	018·1	015·5
28	018·3	018·6	018·7	018·9	019·2	019·7	020·3	020·8	021·1	021·6	021·8	021·9	022·1	022·2	022·6	023·4	024·3	024·6	025·4	025·8	026·0	026·2	026·2	026·4	022·2
29	026·3	026·1	025·6	025·6	025·1	025·2	025·0	025·1	025·1	024·8	024·2	024·2	023·8	023·3	023·1	022·9	022·8	023·0	023·1	023·3	023·5	023·7	023·6	023·6	024·3
30	023·5	023·3	023·1	023·0	022·8	022·9	022·9	023·0	022·8	022·7	022·2	021·8	021·4	020·6	020·0	019·4	019·2	018·9	018·7	018·4	018·2	018·0	017·4	017·2	021·0
31	016·8	016·3	015·7	015·5	015·2	015·2	015·2	015·1	014·7	014·6	014·4	013·9	013·5	013·1	012·2	012·0	011·8	011·9	011·9	011·7	011·6	011·5	011·3	011·2	013·7
Mean (Station level)	1020·49	1020·35	1020·07	**1020·06**	1020·07	1020·23	1020·47	1020·74	1020·86	1020·97	1020·95	1020·90	1020·63	1020·39	1020·11	1020·14	1020·28	1020·53	1020·76	1020·93	1021·02	**1021·15**	1021·06	1021·04	1020·58
Mean (Sea level)	1021·80	1021·66	1021·38	**1021·37**	1021·38	1021·54	1021·78	1022·05	1022·16	1022·27	1022·24	1021·19	1021·92	1021·68	1021·40	1021·43	1021·57	1021·83	1022·06	1022·23	1022·32	**1022·45**	1022·36	1022·35	1021·88

390. Richmond (Kew Observatory) : H_b = 10·4 metres. **April, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	010·5	010·3	010·1	009·7	009·7	010·0	010·2	010·9	011·6	012·1	012·6	012·7	012·7	012·8	012·8	012·9	012·9	013·2	013·4	013·8	013·9	014·0	014·1	014·1	012·1
2	013·8	013·6	013·2	013·2	012·9	012·9	012·9	012·8	012·6	012·4	012·1	011·9	011·4	010·7	010·2	010·2	010·3	010·6	010·8	010·9	010·9	011·0	010·9	010·8	011·9
3	010·8	010·9	011·3	011·7	012·3	013·0	013·9	015·0	015·8	016·5	016·7	016·8	016·8	016·7	017·0	017·1	017·2	017·8	018·7	019·3	019·7	019·7	019·3	019·1	015·8
4	018·8	018·5	018·1	017·5	017·0	016·8	016·7	016·5	015·9	015·8	014·9	013·8	012·7	011·7	010·7	010·4	010·2	009·8	009·7	009·3	008·7	008·4	007·7	007·3	013·5
5	006·6	006·0	005·1	004·6	003·9	003·8	003·5	003·5	003·5	003·4	002·8	002·4	002·3	001·8	001·2	001·1	000·6	000·3	999·9	999·7	999·0	998·8	998·3	997·7	002·3
6	997·0	996·5	996·0	995·9	996·0	996·3	996·5	996·6	996·8	996·9	997·2	997·6	997·7	998·1	998·3	998·6	999·3	999·6	000·3	000·8	001·0	001·2	001·5	001·8	**998·1**
7	001·8	001·6	001·9	002·1	002·7	003·2	003·6	003·9	004·3	004·8	005·1	004·9	005·2	005·1	005·0	005·3	005·9	006·3	007·4	008·2	008·6	008·8	009·0	009·4	005·0
8	009·7	009·8	009·7	009·9	010·5	010·9	011·6	011·8	012·2	012·0	011·8	011·8	011·5	011·2	010·8	010·4	010·5	010·7	010·9	011·3	011·4	011·6	011·2	011·1	011·0
9	010·8	010·2	010·1	009·4	008·9	008·7	008·6	008·6	008·1	007·6	007·0	006·4	006·2	006·0	005·7	005·6	005·4	005·5	005·7	006·2	006·3	006·3	006·4	006·6	007·4
10	006·6	006·7	006·8	006·9	007·4	008·1	008·5	009·1	009·6	010·2	010·3	010·7	010·9	011·1	011·4	011·8	012·4	013·2	014·0	014·8	015·3	015·7	016·2	016·5	010·8
11	016·7	016·7	017·0	017·1	017·6	018·3	018·5	018·9	019·0	018·9	018·7	018·4	017·8	017·7	017·3	017·1	016·9	017·0	017·2	017·5	017·5	017·4	017·3	017·1	017·6
12	016·8	016·7	016·4	016·2	016·2	016·4	016·5	016·7	016·9	016·9	016·7	016·6	016·2	015·9	015·6	015·5	015·5	015·7	016·0	016·3	016·2	016·3	016·4	016·5	016·3
13	016·2	015·9	015·6	015·4	015·3	015·3	015·2	015·0	014·1	013·4	012·8	012·4	011·9	011·3	010·6	010·2	009·8	009·9	010·4	011·1	011·4	012·1	012·5	012·6	013·0
14	012·7	012·8	013·0	013·4	013·7	014·1	014·5	014·7	014·6	014·5	014·2	014·0	013·7	013·0	012·4	011·8	011·0	010·1	008·8	007·8	006·6	005·9	005·0	004·2	011·7
15	003·5	002·9	002·6	002·7	003·2	003·7	003·8	004·0	004·6	005·1	005·2	005·0	004·8	004·5	004·3	003·3	002·7	002·4	001·5	001·4	001·8	002·2	002·1	001·9	003·3
16	001·6	001·8	001·5	001·3	000·6	000·5	000·1	000·0	000·0	999·4	999·7	000·3	001·3	002·6	003·6	004·4	005·6	006·4	007·1	008·2	008·8	009·8	010·6	011·1	003·4
17	011·9	012·5	012·8	013·4	013·8	014·6	014·9	015·0	015·5	015·7	015·7	015·6	015·4	015·2	014·6	014·4	014·3	014·2	014·1	014·1	014·0	013·9	013·6	013·3	014·2
18	012·6	012·0	011·1	010·4	009·7	009·3	008·8	008·6	008·1	007·8	007·3	006·8	006·1	005·7	005·2	004·7	004·3	004·5	004·6	005·0	005·3	005·7	005·9	006·0	007·5
19	006·0	006·1	006·2	006·5	007·1	007·6	008·4	008·7	009·3	009·5	009·7	010·3	010·9	011·2	011·7	012·3	013·0	013·7	014·4	015·4	016·3	016·7	017·0	017·3	010·6
20	017·1	017·7	017·7	017·8	018·4	018·7	019·1	019·5	019·5	019·8	020·3	020·4	020·4	020·1	020·0	020·0	020·2	020·2	020·7	021·8	021·9	021·8	021·8	021·7	019·8
21	021·3	021·2	021·1	021·3	021·7	022·0	022·2	022·3	022·5	022·7	022·3	021·9	021·5	021·2	020·7	020·6	020·7	021·2	021·8	022·5	022·4	022·0	021·9	021·9	**021·7**
22	021·8	021·6	021·2	021·0	021·2	021·5	021·8	021·2	021·1	020·8	019·7	019·0	018·3	017·7	016·9	016·4	015·9	015·2	014·3	013·9	013·2	012·6	011·8	010·9	018·1
23	009·2	008·4	007·8	007·2	007·0	006·8	006·5	006·3	006·9	007·0	007·0	007·1	007·1	006·8	006·7	006·7	006·8	006·8	006·7	007·1	007·6	007·7	007·8	007·8	007·3
24	007·8	007·7	007·7	007·8	007·9	008·0	008·0	007·7	007·4	007·3	007·1	006·7	006·9	006·7	006·7	006·8	006·8	007·2	007·6	007·9	008·1	008·3	008·4	008·1	007·5
25	008·0	007·9	007·9	007·5	007·3	007·4	007·0	006·6	006·0	005·6	005·3	004·5	004·0	003·4	002·9	002·3	002·1	002·0	002·1	002·2	002·6	002·6	002·7	002·7	004·8
26	002·6	002·6	002·6	002·6	002·8	003·3	003·4	003·5	003·6	003·7	003·7	003·6	003·3	004·4	004·2	005·4	005·5	005·5	006·1	006·4	006·6	006·7	006·8	006·7	004·3
27	006·3	006·6	006·5	006·4	006·4	006·7	007·1	007·3	007·4	007·3	007·0	007·4	007·2	007·0	006·7	006·7	006·8	006·7	006·7	006·6	006·4	006·6	006·7	006·4	006·8
28	006·0	005·4	004·9	004·3	004·0	004·1	003·8	003·8	003·5	003·5	003·2	003·2	003·4	003·7	004·0	004·4	005·0	006·0	006·7	007·7	008·5	009·0	009·6	010·0	005·2
29	010·3	011·1	011·2	011·3	011·7	012·5	012·7	012·7	012·8	012·9	012·8	012·6	012·4	011·9	011·6	012·7	011·9	011·9	012·0	012·1	012·1	011·9	011·7	011·4	002·0
30	011·1	010·6	010·0	009·4	009·4	009·4	009·5	009·3	008·9	008·2	007·9	007·5	006·8	006·2	006·3	006·0	005·2	004·9	005·2	005·1	004·6	003·8	003·5	002·9	007·3
Mean (Station level)	1010·20	1010·08	1009·90	1009·80	1009·88	1010·13	1010·26	1010·35	**1010·40**	1010·39	1010·23	1010·08	1009·89	1009·71	1009·50	1009·50	**1009·49**	1009·62	1009·83	1010·15	1010·22	1010·28	1010·26	1010·16	1010·01
Mean (Sea level)	1011·48	1011·36	1011·19	1011·08	1011·16	011·42	1011·54	1011·63	**1011·67**	1011·66	1011·49	1011·34	1011·15	1010·97	1010·76	1010·76	**1010·75**	1010·88	1011·09	1011·42	1011·50	1011·56	1011·54	1011·45	1011·29
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

* **When pressure exceeds** 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule, does not however, apply to **monthly means.**

Readings in millibars at exact hours, Greenwich Mean Time.

391. Richmond (Kew Observatory) : H_b (height of barometer cistern above M.S.L.) = 10·4 metres. **May, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	002·4	002·0	002·0	002·0	002·5	003·0	003·6	004·2	004·6	005·4	005·9	006·3	007·1	008·0	009·3	009·9	011·5	012·7	013·8	014·8	015·6	016·3	015·5	016·8	007·8
2	016·9	017·2	017·3	017·6	018·1	018·4	018·6	019·0	019·0	019·0	018·8	018·8	018·7	018·7	018·9	018·6	018·4	018·5	018·9	019·5	019·7	019·6	019·5	019·1	018·6
3	018·9	018·7	018·5	018·2	018·1	017·9	017·9	017·7	017·1	016·5	015·9	015·0	014·4	014·2	014·4	013·7	013·3	012·6	011·9	011·1	010·5	009·8	009·2	008·2	015·0
4	007·4	006·7	006·4	006·2	006·3	006·5	007·1	007·2	007·2	007·4	007·2	007·2	007·1	006·9	006·6	006·5	006·0	006·2	005·8	005·9	005·3	004·7	004·2	003·6	006·4
5	003·0	002·6	003·0	002·9	003·2	003·6	003·6	003·8	003·7	003·6	003·5	003·7	003·5	003·4	003·1	003·1	002·9	003·0	003·3	003·9	004·1	004·0	003·7	003·6	003·4
6	003·1	002·7	002·5	002·3	002·2	002·2	001·8	002·3	002·4	002·6	002·4	002·3	002·4	002·4	002·3	002·2	002·0	001·9	001·9	001·6	001·2	001·0	000·2	999·5	002·1
7	998·9	997·9	997·5	997·0	996·5	996·3	996·6	997·1	997·3	997·7	998·2	998·1	998·2	998·0	997·9	997·9	997·9	998·4	998·4	998·8	999·2	999·3	999·3	999·1	998·0
8	998·9	998·8	998·7	998·4	998·2	998·2	997·8	997·7	997·3	997·3	997·3	997·5	997·6	997·8	997·8	997·9	998·1	998·6	999·4	000·4	001·0	001·5	001·7	002·1	998·7
9	002·3	002·5	002·8	003·1	003·4	004·2	004·7	005·0	005·2	005·5	005·8	006·0	006·0	005·9	006·4	006·4	006·5	006·5	007·0	007·6	008·0	008·3	008·4	008·2	005·5
10	008·0	007·7	007·9	007·8	008·2	008·6	009·0	009·4	009·5	009·4	009·5	009·7	010·8	011·0	011·0	010·9	011·0	011·1	011·5	012·3	012·9	013·3	013·4	013·3	010·2
11	013·2	013·1	013·1	013·1	013·3	014·0	013·9	014·3	014·6	014·3	013·8	013·4	013·6	013·4	013·4	013·5	013·7	013·8	014·0	014·3	014·4	014·5	014·6	014·8	013·8
12	014·8	015·2	015·4	015·8	016·6	017·4	017·8	018·0	018·4	018·4	018·5	018·4	018·4	018·3	018·2	018·3	018·5	018·8	019·4	019·8	020·4	020·6	020·8	020·8	018·1
13	020·9	021·0	021·2	021·4	021·8	022·4	022·9	023·3	023·3	023·3	022·8	022·6	022·5	022·2	021·9	021·7	021·7	021·6	021·6	021·8	021·8	021·9	021·9	021·9	**022·0**
14	021·8	021·6	021·5	021·3	021·4	021·7	021·9	022·0	022·0	021·8	021·6	021·3	020·8	020·3	019·9	019·8	019·7	019·7	020·0	020·4	020·5	020·5	020·3	020·1	020·9
15	019·9	019·4	019·1	018·7	018·8	018·8	018·7	018·3	017·4	016·9	016·2	015·5	014·9	014·3	013·8	013·3	012·9	012·6	012·5	012·4	012·2	011·9	011·6	011·2	015·7
16	010·6	010·1	009·7	009·4	009·1	009·1	008·8	008·2	007·6	007·1	006·3	005·9	005·3	005·1	005·0	004·7	004·5	004·7	004·8	005·5	006·1	006·1	006·1	006·7	007·0
17	006·7	006·6	006·5	006·7	007·1	007·4	007·6	007·7	007·7	007·6	007·2	007·1	006·7	006·2	005·6	005·4	005·4	005·9	005·7	006·2	006·5	007·0	006·3	005·8	006·6
18	006·1	006·1	006·2	006·2	006·6	006·7	006·8	006·6	006·3	006·1	006·1	006·3	006·2	006·2	005·9	005·5	005·5	005·6	005·8	005·9	005·8	005·7	005·8	006·0	006·1
19	005·8	005·6	005·4	005·9	006·1	006·6	007·3	007·8	007·8	008·1	008·6	008·9	009·1	009·5	009·5	010·2	009·9	010·2	010·8	012·1	012·9	013·4	013·2	013·0	008·9
20	013·3	013·6	013·2	013·2	013·4	013·9	014·3	014·8	014·8	014·9	014·6	014·6	014·1	013·9	013·8	013·9	013·8	014·0	014·3	014·6	014·9	014·9	015·1	014·9	014·1
21	014·6	014·6	014·4	014·3	014·3	014·3	014·4	014·3	014·4	014·3	014·0	013·6	013·3	013·0	012·5	012·2	011·9	011·8	011·9	012·0	012·1	012·1	012·1	011·9	013·3
22	011·4	010·9	010·5	010·0	009·7	009·5	009·2	008·9	008·4	008·2	007·7	007·2	006·5	006·0	005·3	004·5	003·6	003·3	003·4	003·5	003·2	002·7	001·9	001·6	006·8
23	000·6	000·2	999·9	999·4	999·4	999·4	999·2	999·0	998·6	998·8	998·6	998·5	998·4	998·3	997·9	997·7	997·8	997·8	998·3	998·7	998·5	998·7	999·2	998·4	998·9
24	998·5	998·3	998·1	997·9	998·2	998·6	998·9	999·0	998·9	998·9	998·7	998·6	998·6	998·4	998·1	998·2	997·7	997·8	997·8	998·1	998·5	998·8	999·1	998·9	998·4
25	998·9	999·0	998·9	999·2	999·7	000·5	001·0	001·2	001·6	002·1	002·4	002·6	002·8	003·1	003·1	003·5	003·6	004·1	004·3	004·7	005·4	005·9	006·1	006·3	002·3
26	006·4	006·6	006·8	007·0	007·3	007·6	007·9	008·2	008·3	008·5	008·6	008·8	008·9	009·2	008·8	008·9	008·6	008·6	008·9	009·1	008·9	008·7	008·1	008·0	008·2
27	007·2	006·6	005·3	004·1	002·7	001·9	000·4	999·8	998·9	998·3	997·4	996·7	996·5	996·6	996·2	995·9	995·4	995·1	994·4	994·0	993·5	993·1	992·4	991·7	998·4
28	991·2	991·1	990·9	991·0	991·3	991·7	992·2	992·9	993·2	993·6	993·8	994·4	994·7	995·0	995·2	995·7	995·9	996·7	997·2	997·8	998·4	999·1	999·5	999·6	**994·5**
29	999·8	000·1	000·5	001·0	001·8	002·5	003·0	003·5	003·9	004·4	005·3	005·9	006·3	006·8	007·1	007·4	007·7	008·1	007·9	007·9	007·7	007·3	006·6	006·4	004·8
30	005·5	005·3	005·3	005·5	006·3	007·4	008·7	009·6	009·9	010·4	010·7	010·9	011·3	011·4	011·7	012·3	012·8	013·0	013·6	014·4	015·7	016·6	017·4	017·9	010·7
31	018·2	018·7	018·9	019·1	019·5	020·0	020·5	**020·8**	**021·1**	021·3	021·3	021·2	021·1	020·8	020·7	**021·0**	020·9	021·2	021·2	021·4	021·8	021·8	021·9	021·8	020·6
Mean ... (Station level)	1007·91	1007·76	1007·66	**1007·60**	1007·78	1008·07	1008·26	1008·44	**1008·40**	1008·44	1008·35	1008·29	1008·25	1008·20	1008·11	**1008·09**	1008·03	1008·19	1008·38	1008·73	1008·93	**1009·00**	1008·87	1008·75	1008·25
Mean ... (Sea level) ...	1009·17	1009·02	1008·92	**1008·87**	1009·04	1009·33	1009·52	1009·69	1009·65	1009·69	1009·58	1009·53	1009·49	1009·44	1009·34	1009·32	1009·27	1009·43	1009·62	1009·97	1010·18	**1010·26**	1010·13	1010·01	1009·51

392. Richmond (Kew Observatory) : H_b = 10·4 metres. **June, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	021·9	021·9	021·6	021·5	021·5	021·8	022·0	022·0	021·8	021·7	021·4	021·0	020·6	020·3	020·0	020·0	019·8	019·8	020·1	020·0	020·4	020·6	020·9	021·0	021·0
2	020·8	021·0	021·1	021·1	021·1	021·4	021·7	021·9	021·7	021·8	021·7	021·6	021·4	021·3	021·4	021·5	021·5	021·5	021·9	022·5	023·0	023·2	023·7	024·1	021·8
3	024·2	024·3	024·8	025·2	025·4	025·9	026·0	026·1	026·3	026·3	026·0	025·9	025·6	025·5	025·2	025·2	025·1	025·2	025·4	025·4	025·8	025·9	025·8	026·0	025·5
4	025·5	025·6	025·6	025·8	025·9	025·9	025·8	025·6	025·3	025·0	024·5	024·3	023·8	023·2	022·7	022·2	021·7	021·7	021·7	022·0	022·3	022·3	022·0	022·2	023·9
5	021·8	021·5	021·3	021·3	021·2	021·1	020·8	020·6	020·0	019·6	018·8	018·0	017·6	017·1	016·5	016·3	015·8	015·7	015·7	015·6	015·5	015·5	015·1	014·8	018·4
6	014·4	014·0	013·8	013·5	013·7	014·0	013·9	013·7	013·7	013·7	013·9	013·9	014·0	014·1	014·4	014·4	014·4	014·8	015·0	015·6	016·5	017·4	018·0	018·5	014·6
7	018·7	019·0	019·2	019·4	019·8	020·1	020·2	020·1	020·3	020·5	020·6	020·3	020·4	020·3	020·3	020·3	020·2	020·3	020·9	021·3	021·9	022·5	022·7	022·5	020·4
8	022·5	022·6	022·7	022·8	023·1	023·4	023·6	023·6	023·5	023·4	023·1	022·8	022·6	022·6	022·5	022·3	022·3	022·3	022·5	022·6	023·4	023·9	024·2	024·3	023·0
9	024·2	024·0	024·0	024·1	024·3	024·6	024·8	025·0	024·9	024·7	024·6	024·6	024·7	024·8	025·2	025·2	025·1	025·3	025·8	026·3	026·9	027·3	027·8	027·8	025·2
10	028·1	028·1	028·0	028·0	028·5	029·0	029·3	029·2	029·2	029·2	028·9	028·8	028·4	028·3	028·1	028·0	027·9	027·6	027·5	027·7	028·0	028·3	028·3	028·1	**028·3**
11	027·8	027·7	027·6	027·7	027·7	027·7	027·5	027·1	026·6	026·2	025·8	025·1	024·6	024·3	023·7	023·3	022·9	022·6	022·4	022·3	022·4	022·6	022·5	022·4	025·1
12	022·1	021·9	021·7	021·7	021·7	021·8	021·6	021·5	021·1	021·1	020·6	020·3	019·5	019·3	018·6	018·4	018·4	018·4	018·3	018·5	018·9	019·4	019·6	019·8	020·2
13	019·6	019·4	019·1	019·4	019·5	019·5	019·7	019·8	019·6	019·2	019·1	018·9	018·2	018·0	017·2	016·8	016·5	016·2	016·1	016·2	016·4	016·7	016·9	017·0	018·2
14	016·8	016·5	016·2	016·2	016·1	016·5	016·8	017·0	017·1	017·5	017·8	018·2	018·1	018·4	018·2	018·2	018·1	018·4	018·6	019·1	019·7	020·3	020·1	020·2	017·9
15	020·1	020·1	019·9	020·2	020·3	020·4	020·1	020·0	019·6	019·3	018·8	018·6	018·1	017·8	017·2	017·0	016·5	016·4	016·4	016·7	017·1	017·4	017·0	016·9	018·5
16	016·7	016·7	016·3	016·3	016·2	016·5	016·4	016·3	016·0	015·8	015·2	015·2	014·9	014·1	014·2	014·1	014·0	014·2	014·6	014·9	015·5	015·8	015·9	016·2	015·5
17	016·2	016·2	016·2	016·3	016·5	016·9	017·3	017·7	018·0	018·4	018·6	018·8	018·8	019·0	019·1	019·0	019·0	018·9	019·0	019·2	019·7	019·8	019·5	919·4	018·2
18	019·3	018·9	018·6	018·5	018·4	018·4	018·3	018·3	018·4	018·4	018·5	018·6	018·6	018·7	018·9	018·9	018·7	018·6	018·8	019·0	019·9	020·5	020·7	020·9	018·9
19	020·8	020·7	020·6	020·6	020·7	020·7	020·9	020·7	020·6	020·5	020·1	019·8	019·4	019·1	018·6	018·4	018·1	018·0	017·8	017·7	017·7	017·5	017·3	017·5	019·4
20	017·4	017·4	017·3	017·3	017·3	017·3	016·8	016·7	016·5	016·5	015·9	015·5	015·3	015·0	014·6	014·3	013·7	013·6	013·6	013·9	014·0	014·3	014·3	014·3	015·6
21	013·9	013·7	013·1	012·9	012·6	012·2	011·9	011·6	011·3	011·3	010·9	011·1	010·9	010·6	010·3	010·3	010·4	010·8	011·4	011·9	012·3	012·5	012·6	012·7	**011·8**
22	012·6	012·6	012·7	012·9	013·1	013·5	013·7	014·1	014·7	015·0	015·6	015·7	015·6	015·6	015·9	015·9	016·0	016·1	016·3	016·6	016·9	016·9	016·9	017·0	015·0
23	017·0	016·7	016·6	016·6	016·6	016·8	016·9	017·0	016·9	017·0	016·9	016·8	016·7	016·6	016·3	015·9	015·8	015·8	016·0	016·2	016·2	016·1	016·0	015·8	016·5
24	015·7	015·5	015·3	015·1	015·0	014·9	014·7	014·6	014·6	014·7	014·7	014·7	014·5	014·5	014·5	014·4	014·3	014·4	014·7	015·0	015·3	015·4	015·3	015·4	014·9
25	015·5	015·0	014·9	015·1	015·2	015·1	015·0	015·3	015·5	015·3	015·2	015·0	014·8	014·6	014·4	014·4	014·4	014·7	015·4	016·1	016·9	017·0	016·9	016·7	015·3
26	016·6	016·5	016·5	016·4	016·2	016·1	016·1	015·7	015·5	015·4	015·3	014·9	014·7	014·2	013·9	013·7	013·3	013·3	013·0	013·0	013·5	013·6	013·9	014·0	014·9
27	013·9	013·9	013·8	013·9	014·2	014·5	014·8	015·0	015·3	015·4	015·9	016·0	016·1	016·5	016·7	016·8	017·0	017·4	017·8	018·3	019·0	019·5	019·9	020·0	016·2
28	020·1	020·2	020·3	020·7	020·9	021·4	021·8	021·8	021·8	021·8	022·0	021·9	021·8	021·6	021·4	021·2	021·2	020·9	021·0	021·4	021·6	021·7	021·7	021·5	021·3
29	021·3	021·2	021·0	021·1	021·4	021·5	021·5	021·5	021·2	021·0	020·4	020·2	019·7	019·5	019·2	019·1	019·1	019·3	019·3	019·5	019·8	019·9	020·0	020·1	020·4
30	019·8	019·7	019·7	019·6	019·6	019·7	019·8	019·7	019·4	019·3	019·0	018·6	018·1	017·9	017·7	017·5	017·3	017·3	017·5	017·8	018·0	018·0	017·9	017·6	018·7
Mean (Station level)	1019·51	1019·42	1019·32	1019·37	1019·46	1019·62	**1019·66**	1019·64	1019·55	1019·50	1019·33	1019·17	1018·92	1018·76	1018·56	1018·43	**1018·28**	1018·32	1018·48	1018·74	1019·15	1019·39	1019·45	1019·49	1019·15
Mean (Sea level)	1020·27	1020·68	1020·58	1020·64	1020·73	1020·89	**1020·92**	1020·89	1020·79	1020·74	1020·57	1020·41	1020·15	1919·99	1019·79	1019·66	**1019·51**	1019·55	1019·72	1019·98	1020·40	1020·65	1020·70	1020·75	1020·40
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

393. Richmond (Kew Observatory) : H_b (height of barometer cistern above M.S.L.) = 10·4 metres. **July, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	017·4	017·0	016·6	016·6	016·5	016·2	015·9	015·8	015·3	014·8	014·0	013·6	012·9	012·5	011·8	011·5	011·0	010·9	010·9	011·1	010·9	010·7	010·4	009·8	013·7
2	009·2	008·8	008·3	008·2	007·8	007·4	007·2	006·9	006·3	005·6	004·6	003·8	003·3	002·5	002·4	002·1	001·8	001·9	002·2	002·1	001·9	002·0	002·0	001·9	004·8
3	001·7	001·7	001·3	001·6	001·4	001·9	001·9	002·2	002·3	002·4	002·8	003·0	003·1	003·0	002·9	002·9	002·9	002·9	003·5	004·4	005·4	006·1	005·9	005·9	003·0
4	006·5	006·3	006·6	006·4	006·3	006·5	006·7	006·9	007·0	006·9	007·2	007·3	007·5	007·8	007·7	007·8	007·6	007·8	008·0	008·5	009·1	009·2	009·2	009·3	007·4
5	009·3	009·3	009·5	009·7	009·9	010·3	010·6	011·0	011·3	011·5	012·1	012·4	012·2	012·1	012·0	012·1	012·0	012·1	012·2	012·4	012·9	013·2	013·5	013·7	011·5
6	013·6	013·6	013·3	013·6	013·5	013·7	013·7	013·8	014·1	014·2	013·8	013·8	013·3	013·1	013·1	013·4	013·5	013·6	013·7	013·9	014·1	014·2	014·4	014·3	013·7
7	014·3	014·3	014·0	013·8	014·1	013·7	013·4	013·1	013·7	014·2	014·7	015·4	016·2	017·0	017·7	018·5	019·0	019·5	020·1	020·6	021·6	022·2	022·5	022·6	016·8
8	022·4	022·4	022·4	022·4	022·7	022·6	022·6	022·5	022·5	022·3	021·9	021·9	021·7	021·3	021·1	020·7	020·4	020·4	020·3	020·3	020·5	020·6	020·7	020·7	021·6
9	020·8	020·8	020·6	020·5	020·6	020·9	021·2	021·3	021·3	020·8	020·7	020·7	020·5	020·6	020·6	020·6	020·4	020·4	020·5	020·5	020·8	021·0	020·9	020·5	020·7
10	020·5	020·3	019·4	019·1	018·8	018·5	018·6	018·3	018·3	018·5	018·6	018·4	018·3	018·4	018·7	018·6	018·6	019·0	019·5	020·2	021·1	022·0	022·4	022·7	019·4
11	023·0	023·2	023·1	023·2	023·5	023·6	024·0	024·0	024·2	024·2	024·1	023·9	023·9	023·9	024·0	023·8	023·6	023·7	024·0	024·2	024·7	024·9	025·1	025·2	023·9
12	025·1	024·8	024·8	024·9	025·1	025·3	025·4	025·4	025·4	025·0	024·9	024·7	024·3	024·3	024·1	024·1	023·9	024·1	024·3	024·5	024·8	024·9	025·0	024·9	**024·8**
13	024·9	024·9	025·0	024·9	025·0	025·1	025·2	025·4	025·3	025·4	025·2	025·0	024·7	024·4	023·9	023·5	023·4	023·5	023·7	023·8	024·2	024·1	024·0	023·7	024·5
14	023·4	023·2	023·0	023·0	022·9	022·8	022·7	022·5	022·0	021·3	020·9	020·6	020·2	019·6	019·1	018·6	018·4	018·2	018·2	018·3	018·5	018·7	018·7	018·6	020·7
15	018·4	018·2	018·1	018·0	018·0	017·9	018·0	017·8	017·5	017·3	017·0	016·8	016·6	016·5	016·2	015·9	015·7	015·8	016·0	016·2	016·4	016·5	016·5	016·3	017·0
16	016·2	016·1	016·1	015·9	015·5	015·4	015·4	015·2	014·7	014·2	013·6	013·1	012·8	012·6	012·2	012·0	011·9	012·0	012·0	012·1	012·2	012·5	012·5	012·5	013·8
17	012·3	012·4	012·3	012·1	012·0	012·1	012·2	012·1	012·1	011·8	010·9	010·6	010·0	009·7	008·7	008·1	007·7	007·7	007·7	007·8	007·8	007·7	007·3	006·8	010·1
18	006·3	005·8	005·3	004·7	004·5	004·5	004·6	004·5	004·7	004·8	004·8	004·6	004·3	004·5	004·5	004·6	004·9	005·2	005·6	005·9	006·6	007·0	007·2	007·5	005·3
19	007·4	007·4	007·4	007·5	007·8	008·1	009·0	008·6	008·8	009·1	009·2	009·3	009·3	009·5	009·7	009·8	009·9	009·9	010·5	010·9	011·3	011·5	011·5	011·4	009·3
20	011·3	011·2	010·8	010·7	010·8	011·0	011·1	011·3	011·5	011·7	012·1	012·0	011·9	011·8	011·6	011·5	011·7	012·2	012·4	012·9	013·4	013·6	013·9	013·8	011·9
21	013·9	014·1	013·9	013·8	014·4	015·1	015·3	015·7	016·0	016·1	016·4	016·4	016·5	016·5	016·1	015·7	015·5	015·5	016·2	016·2	016·1	015·7	015·2	014·7	015·4
22	015·3	015·0	014·4	014·0	014·1	014·2	014·3	014·1	014·0	013·4	013·0	012·5	011·9	011·8	012·1	012·1	011·5	011·8	012·3	009·9	011·3	011·6	011·2	011·1	012·9
23	010·6	009·8	009·3	008·8	010·0	010·3	010·5	011·4	011·5	011·3	011·7	011·8	011·8	011·8	012·3	011·8	011·9	012·0	012·1	012·2	012·8	013·0	013·1	013·2	011·4
24	012·8	012·5	012·4	012·3	012·3	012·3	012·5	012·6	012·4	012·3	012·0	012·0	011·9	011·9	011·7	011·6	011·5	011·4	011·3	011·8	011·7	011·5	011·8	011·8	012·0
25	011·7	011·6	011·4	011·5	011·5	011·5	011·2	011·2	011·2	010·9	010·4	010·3	009·7	009·4	008·8	008·1	007·5	007 2	006·8	007·0	006·8	006·9	006·6	006·1	009·5
26	005·6	004·7	004·2	003·6	003·7	003·8	003·7	003·5	002·9	002·4	001·6	001·5	001·5	001·6	001·6	001·6	001·6	001·5	001·5	001·5	001·5	001·2	000·3	999·2	002·5
27	997·7	997·3	997·1	997·4	997·5	997·6	997·7	997·3	996·9	996·8	996·7	996·8	996·8	996·8	997·0	996·9	997·4	998·0	999·5	000·5	001·5	001·7	001·9	002·3	**998·1**
28	002·3	002·5	002·7	002·7	003·0	003·4	004·0	004·5	004·9	005·5	006·2	006·5	007·0	007·3	007·3	007·6	007·9	008·3	008·8	009·5	010·3	010·7	011·0	011·1	006·3
29	011·3	011·2	011·0	010·8	010·8	010·8	010·9	011·0	011·1	011·0	010·7	010·3	009·9	009·3	008·9	008·3	007·5	007·3	007·3	007·6	008·0	008·3	008·6	008·5	009·7
30	008·2	008·0	008·0	008·0	008·0	008·3	008·5	008·6	008·8	008·8	009·0	008·8	008·9	008·7	008·5	008·4	008·5	008·8	009·0	009·5	009·9	009·8	009·7	009·3	008·7
31	008·7	008·1	007·5	006·8	006·2	005·8	005·0	004·2	003·8	003·7	003·6	003·6	003·8	004·3	004·7	005·0	005·1	005·6	006·2	007·1	008·2	008·3	008·9	**009·1**	006·0
Mean (Station level)	**1012 ·97**	1012 ·79	1012 ·57	1012 ·47	1012 ·52	1012 ·60	1012 ·68	1012 ·67	1012 ·64	1012 ·52	1012 ·40	1012 ·30	1012 ·15	1012 ·08	1011 ·97	1011 ·85	**1011 ·75**	1011 ·88	1012 ·14	1012 ·37	1012 ·78	1012 ·95	1012 ·97	1012 ·85	1012 ·46
Mean (Sea level)	**1014 ·22**	1014 ·04	1013 ·82	1013 ·71	1013 ·77	1013 ·84	1013 ·92	1013 ·90	1013 ·87	1013 ·75	1013 ·62	1013 ·52	1013 ·37	1013 ·29	1013 ·18	1013 ·06	**1012 ·96**	1013 ·09	1013 ·36	1013 ·59	1014 ·02	1014 ·18	1014 ·20	1014 ·10	1013 ·69

394. Richmond (Kew Observatory) : H_b = 10·4 metres. **August, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	009·5	010·0	009·9	009·8	009·8	009·9	010·3	010·3	010·3	010·1	009·9	009·5	009·1	008·1	007·8	007·6	007·3	007·3	007·4	007·5	007·6	007·4	007·0	006·8	008·8
2	006·5	006·4	006·4	006·6	007·1	007·5	008·1	008·6	009·1	009·5	010·1	010·7	011·1	011·6	012·1	012·4	012·8	013·0	013·5	014·2	015·2	015·6	015·9	016·2	010·6
3	016·4	016·5	016·7	016·7	016·9	017·3	017·6	017·7	017·7	017·6	017·4	017·1	016·7	016·4	016·1	015·9	015·8	015·6	015·7	015·6	015·3	015·4	014·8	014·1	016·4
4	014·1	013·4	013·3	012·7	012·2	012·2	012·0	012·0	011·4	011·2	010·8	010·4	009·6	009·4	009·1	008·6	008·0	007·6	007·3	006·9	007·0	006·7	006·6	006·3	010·1
5	006·1	005·7	005·5	005·3	005·2	005·3	005·4	005·7	005·7	005·9	006·1	006·1	006·2	006·1	006·0	005·9	005·9	006·1	006·4	007·3	007·8	008·1	008·3	008·2	006·2
6	008·0	008·1	008·0	007·9	008·0	007·8	007·8	008·2	008·4	008·7	008·4	008·6	009·4	009·9	010·1	010·1	010·4	010·5	011·2	012·2	012·7	013·1	013·4	013·8	009·7
7	014·3	014·5	014·7	015·2	015·6	016·0	016·5	016·9	017·2	017·3	017·3	017·1	016·9	017·0	017·0	017·0	017·0	017·1	017·2	017·4	017·6	017·5	017·7	017·5	016·6
8	017·4	017·2	017·1	017·1	017·0	016·9	017·0	017·1	017·0	016·9	017·1	017·3	017·2	017·0	016·8	016·5	016·2	016·1	016·0	016·1	015·9	015·4	014·4	013·8	016·6
9	012·7	012·0	010·8	010·2	009·6	009·3	009·8	009·7	010·1	010·7	010·8	010·8	011·0	011·2	011·3	011·4	011·7	011·7	011·8	012·6	012·2	012·3	012·2	011·7	011·2
10	011·9	011·7	011·5	011·5	011·3	011·1	011·0	010·6	010·9	010·4	010·0	010·0	009·3	008·8	008·6	007·9	007·9	008·0	008·2	008·9	009·3	009·4	009·6	009·8	009·9
11	010·0	010·3	009·8	010·3	011·0	011·1	011·4	012·2	012·6	013·0	013·0	013·6	014·2	014·2	014·7	015·1	015·7	016·9	017·3	017·7	018·4	019·0	019·2	019·3	014·0
12	019·3	019·1	019·0	019·0	018·9	018·9	019·2	019·2	019·2	019·1	019·0	018·7	018·3	018·1	018·0	017·8	017·6	017·4	017·5	017·6	017·8	018·1	018·0	017·6	018·5
13	017·5	017·5	017·4	017·2	017·4	017·8	018·1	018·3	018·7	019·0	019·1	019·4	019·6	019·7	019·9	019·9	020·1	020·1	020·4	021·1	021·5	022·1	022·4	022·2	019·3
14	022·0	022·1	022·1	022·2	022·5	022·9	023·2	023·7	023·8	023·7	023·7	023·7	023·7	023·7	023·6	023·6	023·8	024·1	024·7	025·5	025·8	026·1	026·2	026·3	023·8
15	026·2	026·2	026·2	026·5	026·8	027·1	027·4	027·5	027·4	027·3	027·2	027·0	026·5	026·3	026·2	026·0	025·9	025·9	025·8	025·9	026·0	026·0	026·0	025·9	026·5
16	025·7	025·6	025·5	025·2	025·3	025·4	025·4	025·4	025·4	025·2	025·0	024·5	024·2	023·9	023·5	023·0	022·7	022·6	022·6	022·6	022·7	022·7	022·5	022·2	024·2
17	022·0	021·7	021·5	021·2	021·0	020·8	020·6	020·3	019·8	019·5	018·6	018·0	017·4	016·8	016·3	015·8	015·3	014·9	014·6	014·7	014·7	014·7	014·2	013·7	018·0
18	013·3	013·1	012·8	012·4	012·3	012·4	012·6	012·4	012·3	012·5	012·1	012·2	012·2	011·9	011·8	011·7	011·6	011·3	011·5	011·6	011·7	011·6	011·6	011·4	012·1
19	011·0	010·4	009·9	009·8	009·7	009·8	009·8	010·1	010·2	010·5	010·7	010·6	010·5	010·4	010·3	010·4	010·3	010·2	010·4	010·6	010·8	010·8	010·8	010·9	010·4
20	010·6	010·5	010·5	010·5	010·4	010·5	010·5	010·6	010·5	010·5	010·4	010·2	010·1	009·7	009·3	008·9	008·6	008·3	008·3	008·5	008·5	008·3	007·9	007·5	009·6
21	006·9	006·2	005·8	005·5	004·9	004·5	004·3	003·6	003·1	002·4	002·1	001·6	000·9	000·5	000·4	999·8	999·1	998·4	998·3	999·2	999·4	999·3	999·2	999·3	002·0
22	999·1	999·0	998·9	999·0	999·2	999·5	999·7	999·7	999·7	999·9	000·0	999·7	999·9	000·2	999·9	999·7	999·0	999·1	999·4	999·9	000·2	000·2	000·2	000·4	**999·6**
23	000·2	000·1	000·4	000·5	000·6	000·9	001·1	001·3	001·4	001·7	001·5	001·1	001·4	001·5	001·8	001·8	001·8	001·7	001·9	002·3	002·2	002·0	001·9	001·8	001·3
24	001·5	001·5	001·5	001·4	001·6	001·9	002·0	002·3	002·6	002·7	002·7	002·7	002·5	002·4	002·3	002·2	002·2	002·6	002·8	003·3	003·5	003·8	004·1	004·2	002·5
25	004·2	004·8	005·3	005·6	005·8	006·5	007·4	008·1	008·8	009·3	010·2	011·0	012·0	012·6	013·4	014·0	014·4	014·7	015·4	016·3	016·6	017·0	017·3	017·4	010·9
26	017·5	017·4	017·6	017·4	017·3	017·6	017·9	017·9	018·1	018·0	017·9	017·8	017·5	017·4	017·3	017·5	017·2	017·3	017·5	017·8	017·7	017·6	017·5	017·5	017·6
27	017·3	017·2	017·2	016·8	016·9	017·1	017·1	017·1	017·2	017·3	017·2	017·1	017·0	017·2	017·5	017·7	018·0	018·3	018·8	019·5	019·9	019·9	020·1	020·0	017·8
28	019·9	020·1	020·3	020·2	020·4	020·9	021·2	021·7	022·1	022·4	022·3	022·3	022·3	022·4	022·1	022·1	022·0	022·0	022·2	022·4	022·4	022·4	022·2	022·2	021·6
29	021·8	021·4	021·5	021·3	021·4	021·6	021·8	022·0	022·2	022·2	022·1	022·1	022·0	022·1	021·8	022·3	022·5	023·3	024·0	024·7	025·2	025·9	026·0	026·2	022·7
30	026·3	026·6	026·9	026·7	026·9	027·5	027·9	028·1	028·3	028·4	028·2	028·1	027·8	027·7	027·2	026·8	026·0	025·9	026·0	026·1	026·0	025·7	025·6	025·7	**026·9**
31	025·3	025·0	024·5	024·3	024·1	024·3	024·4	024·5	024·7	024·7	024·2	024·0	023·8	023·2	022·6	022·2	022·1	021·9	022·0	022·2	022·1	022·0	022·0	021·8	023·5
Mean (Station level)	1014 ·02	1013 ·91	1013 ·82	**1013 ·74**	1013 ·78	1013 ·95	1014 ·15	1014 ·28	1014 ·38	1014 ·44	1014 ·36	1014 ·29	1014 ·20	1014 ·11	1014 ·03	1013 ·92	1013 ·83	1013 ·87	1014 ·07	1014 ·46	1014 ·63	**1014 ·71**	1014 ·67	1014 ·57	1014 ·17
Mean (Sea level)	1015 ·27	1015 ·16	1015 ·07	**1014 ·99**	1015 ·03	1015 ·20	1015 ·39	1015 ·53	1015 ·62	1015 ·67	1015 ·59	1015 ·52	1015 ·43	1015 ·34	1015 ·25	1015 ·15	1015 ·06	1015 ·10	1015 ·30	1015 ·70	1015 ·88	**1015 ·96**	1015 ·92	1015 ·82	1015 ·41
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	34.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

395. Richmond (Kew Observatory) : H_b (height of barometer cistern above M.S.L.) = 10·4 metres. **September, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	021·2	020·9	020·5	019·8	019·3	019·2	019·2	019·2	019·1	019·0	018·8	018·5	018·0	017·7	017·1	016·8	017·0	017·0	017·1	017·5	017·5	017·4	017·4	017·6	018·5
2	017·4	017·4	017·6	017·8	018·2	018·8	019·0	019·6	020·0	020·1	020·0	019·9	019·8	019·2	018·8	018·6	018·0	017·6	017·6	017·5	017·3	016·9	016·1	015·3	018·3
3	014·7	013·8	012·9	012·5	011·7	011·3	011·1	011·1	011·1	011·0	011·5	012·1	012·3	012·4	012·7	013·0	013·3	013·9	014·4	015·3	015·7	016·1	016·3	016·1	013·2
4	016·0	016·1	016·0	015·7	015·3	015·2	015·1	014·9	014·9	014·3	014·0	013·9	014·0	014·1	013·9	014·6	014·7	015·7	016·4	016·9	017·1	017·5	017·4	017·5	015·4
5	017·2	016·8	016·4	016·2	016·0	015·9	015·8	015·6	015·2	015·0	014·7	014·2	013·9	013·5	012·6	011·7	010·1	009·5	009·1	009·2	009·6	010·2	010·7	011·0	013·5
6	011·1	011·1	011·1	011·4	011·9	012·1	012·5	012·8	013·3	013·8	014·2	014·6	015·2	015·5	015·8	016·0	016·5	017·0	017·7	018·4	018·7	019·1	019·7	019·9	014·8
7	019·9	019·9	020·1	020·1	020·1	020·4	020·4	020·5	020·8	020·9	020·5	020·5	020·2	020·0	019·5	019·2	019·0	018·8	018·8	019·0	018·7	018·6	018·2	017·7	019·7
8	017·2	016·7	016·3	015·9	015·5	015·4	015·4	015·4	015·3	015·0	014·7	014·6	014·5	014·2	014·0	014·0	013·7	013·8	014·0	014·1	013·9	014·0	014·0	013·8	014·9
9	013·5	013·1	012·5	011·8	011·4	011·1	010·7	010·4	010·2	009·9	009·4	008·7	007·9	007·1	006·4	005·7	004·8	004·3	004·2	004·9	005·1	005·1	004·9	004·7	008·4
10	004·1	003·3	002·9	002·9	003·3	003·8	004·2	004·7	005·3	005·6	006·1	006·7	007·1	007·6	008·0	008·6	008·8	008·9	009·3	009·8	009·9	010·2	010·5	010·7	006·6
11	010·8	010·8	010·9	011·0	011·3	011·8	012·4	013·0	013·6	014·2	014·4	014·7	015·1	015·3	015·4	015·9	016·2	016·5	017·1	017·6	018·0	018·3	018·5	018·6	014·5
12	018·7	018·7	018·5	018·4	018·5	019·0	019·3	019·7	019·8	019·9	020·3	020·4	020·3	020·4	020·4	020·7	020·8	021·6	022·5	023·3	023·8	024·4	024·6	025·2	020·7
13	025·3	025·3	025·6	025·8	026·4	027·0	027·7	028·1	028·5	028·6	028·7	028·7	028·6	028·3	028·2	028·2	028·2	028·5	028·7	028·9	029·0	029·1	029·1	029·2	**027·8**
14	029·3	029·2	029·1	028·9	028·7	028·6	028·9	029·1	029·2	029·0	028·3	028·2	027·6	027·4	026·7	026·5	026·3	026·4	026·5	026·6	026·5	026·4	026·2	026·2	027·8
15	026·1	025·6	025·1	024·7	024·4	024·4	024·3	024·3	023·8	023·4	022·7	022·4	021·8	021·0	020·4	019·7	019·1	018·9	018·5	018·3	017·7	017·4	016·9	016·2	021·8
16	015·7	015·1	014·4	013·6	012·9	012·8	012·6	012·6	012·5	012·1	012·1	012·0	012·0	011·7	011·7	011·7	011·7	012·1	012·4	012·8	013·2	013·5	013·3	013·4	012·9
17	013·4	013·4	013·3	013·1	012·7	012·4	012·3	012·3	012·3	011·9	011·3	010·9	010·3	009·8	009·3	008·6	008·4	008·5	008·3	008·1	007·8	007·7	007·7	007·5	010·6
18	007·6	008·1	008·3	008·8	009·5	010·1	011·0	011·8	012·4	012·7	013·2	013·1	013·1	013·2	013·2	012·8	012·9	012·9	012·9	013·1	013·1	012·7	012·5	012·1	011·6
19	011·5	010·8	009·9	009·2	008·2	007·6	006·5	005·9	004·6	002·3	000·5	997·9	996·0	993·9	991·9	990·3	990·5	992·4	994·9	996·7	997·9	998·1	997·8	998·4	000·9
20	999·6	000·5	001·2	002·1	002·9	003·6	004·4	004·9	005·0	004·8	004·4	004·1	002·7	002·4	002·3	002·2	002·1	002·0	001·8	001·8	001·7	001·9	001·0	000·9	002·5
21	000·6	000·7	000·6	000·6	000·8	001·0	001·2	001·3	001·7	001·8	001·4	001·4	001·3	001·5	001·6	002·1	002·5	003·1	003·8	004·4	005·2	005·6	005·5	005·4	002·2
22	005·2	004·7	004·1	003·6	003·0	002·2	001·7	000·8	999·1	997·8	996·0	994·2	992·8	990·9	989·3	987·6	987·7	988·5	988·6	988·4	987·9	987·7	987·1	986·0	**995·2**
23	985·7	986·2	987·7	989·2	989·9	990·8	992·2	993·4	994·3	994·8	996·1	996·7	997·7	998·4	998·7	999·1	999·9	001·2	002·0	002·8	003·4	003·6	004·3	004·5	996·0
24	004·9	005·2	005·2	005·2	005·8	006·8	007·8	008·4	009·3	009·8	010·2	010·6	010·7	010·2	010·9	011·8	012·4	013·0	013·6	013·9	014·0	014·3	014·5	014·9	009·9
25	015·0	014·9	015·0	015·2	015·2	015·5	015·9	016·0	016·4	016·2	015·6	015·2	014·6	014·3	014·0	013·6	013·3	012·8	012·2	011·5	010·7	009·8	009·2	008·3	013·9
26	007·5	006·8	006·6	007·2	008·0	009·0	010·2	011·1	012·1	012·5	013·1	013·8	014·1	014·1	014·5	014·9	015·3	016·2	016·7	017·3	017·9	018·1	018·1	018·5	012·9
27	019·0	019·7	020·2	020·7	021·3	021·9	022·8	023·4	024·0	025·4	024·7	025·1	025·2	025·1	025·2	025·3	025·7	026·2	026·6	026·9	027·1	027·5	027·3	027·4	024·1
28	027·2	027·0	026·7	026·7	026·6	026·6	026·7	026·9	027·0	027·2	026·6	026·2	025·9	025·2	024·9	024·7	024·5	024·4	024·4	024·6	024·4	024·1	024·0	023·8	025·8
29	023·8	023·5	022·9	022·8	022·9	022·8	023·1	023·0	023·3	023·3	023·3	023·1	022·8	022·8	022·7	022·5	022·8	022·8	023·0	022·9	022·9	023·1	023·2	023·1	023·0
30	023·0	022·8	022·9	022·9	022·9	023·4	023·7	023·9	024·1	024·3	024·4	024·4	024·4	024·2	024·2	024·4	024·7	025·1	025·3	025·9	026·4	026·6	027·0	027·1	024·4
Mean (Station level)	1014 ·07	1013 ·94	1013 ·82	1013 ·79	1013 ·82	1014 ·02	1014 ·27	1014 ·47	**1014 ·61**	1014 ·55	1014 ·37	1014 ·23	1014 ·00	1013 ·71	1013 ·48	**1013 ·36**	1013 ·36	1013 ·65	1013 ·95	1014 ·28	1014 ·40	1014 ·50	1014 ·43	1014 ·37	1014 ·06
Mean (Sea level)	1015 ·34	1015 ·21	1015 ·09	1015 ·06	1015 ·09	1015 ·29	1015 ·54	1015 ·73	**1015 ·87**	1015 ·81	1015 ·62	1015 ·47	1015 ·24	1014 ·96	1014 ·72	**1014 ·61**	1014 ·61	1014 ·90	1015 ·20	1015 ·54	1015 ·67	1015 ·77	1015 ·70	1015 ·63	1015 ·32

396. Richmond (Kew Observatory) : H_b = 10·4 metres. **October, 1925.**

Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	027·1	027·2	027·4	027·7	028·1	028·6	029·2	029·4	029·7	030·0	030·0	029·9	029·6	029·2	029·1	029·2	029·6	029·7	030·1	030·5	030·6	030·5	030·5	030·3	029·2
2	030·1	030·0	029·9	029·9	030·0	030·0	030·2	030·2	030·3	030·4	030·3	030·1	030·0	029·7	029·4	029·1	029·0	029·1	029·2	029·3	029·2	029·2	029·0	028·9	029·7
3	028·6	028·7	028·1	027·8	027·7	027·6	027·6	027·5	027·5	027·4	027·2	026·6	025·9	025·4	024·9	024·7	024·3	024·5	024·6	024·8	024·8	024·7	024·8	025·2	026·4
4	025·5	025·4	025·1	025·2	025·4	025·8	026·1	026·5	027·0	027·5	027·5	027·4	027·4	027·4	027·4	027·6	027·9	028·3	028·6	029·0	029·3	029·5	029·6	029·6	027·2
5	029·7	029·5	029·5	029·2	029·2	029·4	029·6	029·9	029·9	029·9	029·7	029·5	029·2	028·5	028·0	027·9	027·7	027·9	028·2	028·2	028·1	028·0	027·8	027·7	028·9
6	027·6	027·2	026·6	026·2	026·0	025·8	025·5	025·4	025·5	025·4	024·6	024·1	023·2	022·6	021·9	021·7	021·2	020·7	020·8	020·8	020·8	020·8	020·2	019·8	023·7
7	019·4	019·1	018·8	018·5	018·5	018·4	018·7	019·1	019·2	019·3	019·2	019·4	019·2	019·3	019·5	020·0	020·6	021·6	022·3	022·9	023·6	023·9	024·3	024·4	020·3
8	024·7	025·0	025·1	025·4	025·9	026·4	027·0	027·4	027·9	028·5	028·6	028·6	028·4	028·4	028·5	028·7	029·0	029·6	030·2	030·6	031·4	031·6	031·8	032·0	028·2
9	032·1	031·9	031·8	031·9	031·9	032·1	032·8	033·0	033·3	033·4	032·8	032·6	032·3	031·7	031·4	031·3	031·1	031·7	031·4	031·3	031·1	031·0	030·9	030·7	**031·9**
10	030·4	029·8	029·5	029·1	028·6	028·4	028·1	028·0	027·7	027·4	026·4	026·2	025·2	024·3	023·5	023·2	022·6	022·6	022·6	022·5	022·2	022·0	021·4	021·4	025·7
11	021·0	020·8	020·7	020·5	020·3	020·2	020·4	020·3	020·3	020·5	020·2	019·7	019·0	018·5	017·9	017·7	017·7	017·9	017·8	017·5	017·6	017·6	017·5	017·3	019·2
12	017·1	016·8	016·4	015·9	015·9	015·8	015·7	015·8	015·8	015·8	015·4	015·3	015·0	015·0	014·9	014·6	014·5	014·6	014·6	014·4	014·4	014·3	014·1	013·6	015·3
13	012·9	012·0	011·0	010·4	009·7	009·2	008·9	008·6	008·2	007·8	007·2	006·5	006·1	005·4	005·2	005·3	006·5	007·1	008·0	008·4	008·8	009·2	009·5	009·6	008·5
14	009·9	010·1	010·6	011·5	012·2	012·9	013·4	014·3	014·7	015·3	015·6	015·7	015·8	015·7	015·7	016·1	016·2	016·8	017·2	017·5	017·8	017·8	017·8	018·0	014·8
15	018·0	018·0	018·2	018·2	018·3	018·2	018·5	019·1	019·3	019·2	019·1	018·9	018·7	018·5	018·3	018·5	018·3	018·4	018·7	018·1	018·0	017·7	017·7	017·4	018·4
16	016·9	015·9	015·1	014·6	015·2	015·5	016·0	016·9	017·3	018·2	017·8	017·9	017·9	017·9	018·0	018·2	018·4	018·7	018·5	018·5	018·4	018·2	017·9	017·7	017·3
17	017·0	016·7	016·0	015·7	015·3	014·7	014·3	013·9	013·7	013·0	012·9	012·5	012·1	011·6	011·6	011·7	011·9	012·1	012·3	012·1	011·9	011·7	011·4	011·4	013·4
18	011·1	010·7	010·5	010·5	010·3	010·3	010·5	010·9	011·2	011·3	011·3	011·1	010·7	010·5	010·3	010·2	010·7	010·9	011·2	011·3	011·6	011·8	012·0	012·3	010·9
19	012·9	013·3	013·3	013·5	013·5	013·6	014·2	015·1	015·2	015·1	015·2	015·2	015·1	014·7	014·4	014·5	014·6	014·7	014·6	014·5	014·1	014·1	013·3	012·1	014·2
20	011·4	010·5	009·4	008·6	007·5	006·7	005·9	005·4	005·2	005·1	004·9	004·8	004·2	003·9	003·7	003·8	003·9	003·9	003·9	003·6	003·5	003·3	002·7	002·2	005·5
21	001·9	001·3	000·7	000·5	000·3	000·1	999·8	999·6	999·4	999·4	999·3	999·0	998·4	997·8	997·3	996·8	996·7	996·4	995·9	995·5	995·1	994·9	994·4	993·8	998·3
22	993·1	992·1	991·5	990·5	989·6	988·6	988·1	988·4	988·3	988·3	988·1	987·3	986·3	984·6	983·4	981·1	979·1	976·9	975·3	975·2	974·4	974·1	973·7	973·1	984·2
23	972·7	972·3	972·0	972·3	972·5	972·9	973·2	973·7	974·3	974·9	975·6	975·9	976·0	976·3	976·8	977·5	978·1	978·8	979·2	979·2	979·4	979·5	979·4	979·1	**975·8**
24	978·1	978·1	979·0	979·4	979·7	979·2	981·0	981·8	982·4	982·9	983·4	983·7	983·5	983·8	983·8	984·7	984·8	985·4	985·8	986·0	986·4	986·8	987·3	987·8	982·9
25	988·4	989·1	990·0	991·0	992·3	993·6	994·8	996·3	997·5	998·6	999·4	000·1	000·8	001·5	002·3	003·2	004·2	004·9	005·3	005·9	006·5	007·3	007·5	007·7	999·1
26	007·5	007·0	007·0	006·9	006·8	006·6	006·6	006·2	005·1	003·7	003·2	001·1	000·1	998·8	998·2	997·9	998·0	998·7	999·1	999·1	999·4	000·0	999·9	999·5	002·5
27	999·0	998·5	997·9	997·4	997·6	997·3	997·8	998·2	998·5	999·1	999·4	999·4	999·3	999·5	000·2	000·8	001·7	002·5	003·8	004·8	005·8	006·7	007·4	008·1	000·7
28	009·1	010·1	010·7	010·9	011·5	012·4	012·9	013·8	014·2	014·8	014·7	014·6	014·4	014·4	014·4	014·3	014·4	014·7	014·9	014·7	014·5	014·2	013·9	013·5	013·3
29	012·7	012·3	012·0	011·7	011·7	011·6	011·9	012·0	011·9	012·0	011·8	011·5	010·8	010·6	010·5	010·4	010·2	010·2	009·9	009·8	009·5	009·1	008·7	008·4	011·0
30	007·9	007·4	006·8	006·3	006·0	005·9	005·9	005·8	005·9	005·8	005·7	005·3	004·7	004·5	004·7	005·0	005·3	005·6	005·7	005·5	005·6	005·8	005·7	005·8	005·8
31	005·9	006·0	006·3	006·6	006·5	006·8	007·2	007·7	008·1	008·4	009·2	009·0	009·1	009·2	009·8	010·6	011·1	012·0	012·2	012·5	012·6	013·0	013·0	013·4	009·3
Mean (Station level)	1012 ·89	1012 ·67	1012 ·48	1012 ·38	1012 ·39	1012 ·41	1012 ·64	1012 ·91	1013 ·05	**1013 ·17**	1013 ·09	1012 ·87	1012 ·53	1012 ·23	**1012 ·10**	1012 ·14	1012 ·23	1012 ·48	1012 ·64	1012 ·71	1012 ·79	1012 ·85	1012 ·75	1012 ·64	1012 ·63
Mean (Sea level)	1014 ·16	1013 ·94	1013 ·75	1013 ·65	1013 ·66	1013 ·68	1013 ·91	1014 ·18	1014 ·31	**1014 ·43**	1014 ·34	1014 ·12	1013 ·78	1013 ·48	**1013 ·34**	1013 ·39	1013 ·49	1013 ·74	1013 ·90	1013 ·97	1014 ·05	1014 ·11	1014 ·01	1013 ·91	1013 ·89
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly mean.

Readings in millibars at exact hours, Greenwich Mean Time.

397. Richmond (Kew Observatory) : H_b (height of barometer cistern above M.S.L.) = 10·4 metres. **November, 1925.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	013·1	013·0	013·0	012·9	012·8	012·7	013·0	012·9	012·3	011·9	010·9	010·3	009·3	008·5	008·0	007·0	007·5	005·9	005·2	004·8	004·1	003·4	002·6	002·4	009·3
2	002·2	002·1	002·2	002·6	003·3	003·6	004·3	005·0	005·2	005·7	005·9	005·9	006·1	005·9	006·0	006·5	006·7	006·8	006·7	006·5	006·5	006·4	005·4	004·7	005·0
3	003·4	002·0	000·3	998·0	995·7	994·5	994·1	994·3	994·1	994·2	994·5	994·8	995·6	995·6	996·1	996·8	997·6	998·7	999·6	000·5	001·9	003·2	004·4	006·0	998·1
4	006·8	007·8	008·5	009·2	009·9	010·3	010·9	011·7	012·3	012·6	012·9	012·8	012·6	012·3	011·8	011·7	011·7	011·2	011·1	010·9	011·0	011·1	011·9	011·1	010·9
5	011·0	010·8	010·2	009·8	009·5	009·1	008·9	008·8	008·6	008·5	008·1	008·0	007·5	007·4	007·4	007·5	007·9	008·3	008·9	009·6	010·4	010·8	011·6	012·3	009·2
6	012·6	012·8	013·0	013·2	013·7	013·7	014·2	014·6	014·5	014·9	014·5	014·4	013·9	013·5	012·6	011·8	011·2	010·6	009·5	008·0	006·7	005·7	003·9	002·4	011·7
7	000·5	998·7	996·0	993·5	991·3	988·2	985·1	984·3	984·1	984·0	983·3	982·4	981·7	981·0	980·7	980·1	979·3	979·0	978·3	978·1	978·0	978·1	978·2	978·4	984·8
8	978·6	978·8	979·2	979·3	979·5	979·6	979·8	980·6	981·5	982·2	982·7	983·3	984·2	985·2	986·0	987·0	988·2	989·5	990·1	991·0	991·8	992·5	992·8	993·6	**984·6**
9	994·0	994·7	995·2	995·5	995·9	996·3	997·2	998·2	999·0	999·5	000·1	000·2	000·2	000·4	000·8	001·3	001·9	002·3	002·7	002·9	003·0	003·1	003·3	003·5	999·4
10	003·4	003·6	003·5	003·6	003·8	004·0	004·4	005·1	005·8	006·8	007·3	007·4	007·8	008·3	009·3	009·7	010·9	011·6	012·4	013·1	013·5	014·0	014·4	014·7	008·0
11	014·8	015·1	015·1	015·2	015·4	015·6	017·0	018·3	019·2	020·5	021·1	021·4	022·4	023·7	025·0	025·7	026·9	027·7	028·5	029·0	029·7	030·0	030·3	030·6	022·1
12	030·8	030·8	030·7	030·8	030·8	030·7	030·8	030·8	030·8	030·7	030·5	029·9	029·1	028·4	028·2	027·9	027·9	027·8	027·7	027·3	027·1	026·5	026·0	025·7	029·2
13	024·8	024·5	023·9	023·3	023·2	022·9	022·7	022·5	021·6	021·3	020·5	020·2	019·7	019·4	018·9	018·5	018·6	018·4	018·5	018·5	018·5	018·6	018·7	018·7	020·8
14	018·6	018·6	018·4	018·4	018·2	018·0	018·1	018·2	018·3	018·5	018·8	018·9	018·7	018·3	018·3	018·3	018·4	018·4	018·5	018·5	018·7	018·7	018·7	018·6	018·5
15	018·7	018·8	018·8	018·8	018·7	018·7	018·8	019·2	019·6	020·0	020·0	019·7	019·3	019·2	019·3	019·3	019·8	019·8	020·1	020·5	020·8	021·2	021·2	021·2	019·6
16	021·2	021·0	021·2	021·1	021·1	021·5	022·1	022·6	023·1	023·8	023·2	023·5	022·9	023·4	023·4	023·6	023·7	023·7	024·1	124·4	024·7	025·0	025·3	025·0	023·0
17	024·9	024·9	024·7	024·8	025·0	025·0	025·5	026·1	026·4	027·0	027·0	026·9	026·8	026·9	027·1	027·3	027·3	027·4	027·5	028·1	028·4	028·3	028·6	028·5	026·6
18	028·4	028·4	028·4	028·5	028·6	028·7	028·8	029·4	030·1	030·4	030·1	029·9	029·7	029·7	029·4	029·8	029·8	030·3	030·7	030·6	031·0	030·7	030·8	031·0	029·7
19	030·9	030·7	030·5	030·7	030·7	030·8	031·3	031·7	032·1	032·3	032·0	031·7	031·6	031·4	030·8	030·8	030·8	031·0	031·1	031·2	031·5	031·4	031·4	031·2	**031·2**
20	031·2	031·2	031·0	030·9	030·9	030·9	031·0	031·3	031·4	031·7	031·5	031·4	030·8	030·3	030·1	029·9	029·9	030·1	029·9	030·0	030·1	029·9	029·8	029·3	030·6
21	028·7	028·0	027·6	027·1	026·6	026·3	026·1	026·2	025·9	025·4	025·2	024·5	023·9	022·9	022·3	022·1	022·0	021·7	021·4	021·0	020·7	020·2	019·5	019·1	024·1
22	018·3	018·1	017·4	016·8	016·4	016·0	015·8	015·8	015·8	015·5	015·2	014·6	014·0	013·7	013·6	013·5	013·6	013·7	013·7	013·9	014·0	013·9	013·8	013·6	015·1
23	013·6	013·7	013·8	013·8	013·6	013·8	014·0	014·3	014·6	015·1	015·1	015·0	015·2	015·1	015·2	015·8	016·1	016·4	016·7	017·3	017·8	017·8	018·2	018·4	015·3
24	018·7	019·0	019·0	019·1	019·5	019·8	020·2	020·6	020·8	021·1	020·7	020·5	019·9	019·2	019·0	018·6	018·4	018·2	017·8	017·6	017·1	016·3	015·5	014·2	018·9
25	013·0	012·1	010·9	009·1	008·0	006·6	005·7	007·9	008·9	009·1	009·4	009·8	010·1	010·7	011·5	012·6	013·4	014·0	014·7	015·4	016·1	016·9	017·5	017·8	011·6
26	018·0	018·6	018·6	018·9	019·2	019·7	020·0	020·7	021·2	021·7	021·2	020·9	020·4	020·1	020·1	020·1	020·0	020·0	020·1	019·7	019·5	018·7	017·9	017·4	019·7
27	016·7	016·2	014·8	013·9	012·4	011·1	009·5	008·7	007·9	007·5	007·3	007·0	007·0	006·7	006·9	007·4	007·8	008·0	008·0	007·8	007·7	007·5	007·1	006·7	009·5
28	006·4	005·9	005·5	005·0	004·4	003·7	003·3	003·3	003·0	002·8	002·4	002·4	001·7	001·6	002·4	003·1	003·5	003·9	004·4	004·5	004·3	004·3	004·1	003·9	003·8
29	003·8	004·2	004·3	005·0	005·3	005·4	006·1	006·6	007·5	008·0	008·4	008·3	008·0	008·0	007·8	007·6	007·3	006·6	005·8	004·7	003·8	002·5	000·9	999·7	005·7
30	998·2	997·1	995·8	995·1	994·5	994·2	994·4	994·4	994·2	994·1	994·0	993·7	993·3	992·7	992·6	992·6	992·8	993·2	993·5	993·6	993·9	994·2	994·7	995·2	994·3
Mean (Station level)	**1013 ·51**	1013 ·37	1013 ·05	1012 ·80	1012 ·60	**1012 ·38**	1012 ·44	1012 ·80	1012 ·99	1013 ·23	1013 ·13	1012 ·99	1012 ·78	1012 ·65	1012 ·65	1012 ·80	1013 ·03	1013 ·14	1013 ·24	1013 ·30	1013 ·41	1013 ·36	1013 ·29	1013 ·16	1013 ·02
Mean (Sea level)	**1014 ·81**	1014 ·67	1014 ·35	1014 ·09	1013 ·89	**1013 ·68**	1013 ·73	1014 ·10	1014 ·29	1014 ·52	1014 ·42	1014 ·27	1014 ·06	1013 ·93	1013 ·94	1014 ·08	1014 ·32	1014 ·43	1014 ·53	1014 ·59	1014 ·71	1014 ·66	1014 ·59	1014 ·46	1014 ·31

398. Richmond (Kew Observatory) : H_b = 10·4 metres. **December, 1925.**

Station Level	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	995·8	996·9	997·9	999·5	001·0	002·1	003·5	005·2	007·1	008·2	009·5	010·4	011·2	011·7	012·8	013·9	014·3	014·9	015·4	015·8	016·3	016·5	016·8	016·9	008·4
2	017·0	017·3	017·2	017·1	017·1	017·3	017·6	018·3	018·4	019·0	019·0	018·9	018·7	018·7	018·8	018·9	019·3	019·7	020·2	020·3	020·4	020·7	021·1	021·3	018·8
3	021·5	021·7	022·0	022·4	023·0	023·7	024·7	025·5	026·4	027·4	028·1	028·1	028·1	028·1	028·3	028·7	029·1	030·0	030·7	030·9	031·3	031·8	032·3	032·4	027·1
4	032·7	033·0	033·1	033·1	033·4	033·6	034·1	034·4	034·8	035·1	035·2	035·2	035·1	034·8	034·8	035·1	035·1	035·1	035·1	035·1	035·1	035·1	035·1	035·1	**034·5**
5	034·7	034·2	033·8	033·2	032·8	032·3	032·2	032·2	032·2	032·2	031·0	030·2	029·4	029·0	028·4	028·3	028·1	028·1	028·0	027·8	027·4	027·1	027·0	026·8	030·4
6	026·4	026·1	025·3	025·1	024·7	024·4	024·4	024·2	024·1	023·7	023·2	022·5	022·0	021·6	021·1	020·8	020·9	021·0	021·1	020·8	020·5	020·1	019·9	019·0	022·8
7	018·9	018·5	017·9	017·3	016·7	016·3	016·0	016·2	016·0	015·8	015·1	014·2	013·4	012·8	012·5	011·8	011·8	011·6	010·9	010·7	010·3	010·2	010·0	009·0	014·1
8	008·4	007·7	007·3	006·7	006·1	005·7	005·4	005·1	005·2	005·1	004·8	004·0	003·3	003·0	002·6	002·3	002·2	001·2	000·6	000·4	000·2	000·1	000·5	001·2	003·9
9	001·6	002·0	002·4	002·4	002·6	002·9	003·6	004·3	004·7	004·7	004·5	004·4	003·7	003·5	003·6	003·9	004·1	004·1	004·2	004·2	004·3	004·2	004·0	003·7	003·6
10	003·5	003·1	002·9	002·6	002·0	002·0	002·0	002·7	003·0	004·0	004·5	004·5	004·6	004·6	005·1	005·4	005·9	006·0	006·4	006·6	006·7	006·8	007·3	007·4	004·5
11	007·4	007·5	007·5	007·6	007·8	008·0	008·2	008·7	009·2	009·4	009·4	009·0	008·7	008·4	008·4	008·3	008·7	008·9	008·9	008·9	008·8	009·0	009·2	009·2	008·5
12	009·0	009·3	009·5	009·7	009·9	010·2	010·6	011·1	012·1	012·4	012·6	012·7	012·5	012·7	012·8	013·2	013·6	013·9	014·0	014·3	014·5	014·3	014·5	014·6	012·1
13	014·5	014·6	014·3	014·0	013·8	013·5	013·6	013·7	014·0	014·0	013·8	013·4	012·8	012·3	012·1	012·1	012·0	011·9	011·7	011·7	011·4	011·7	011·5	001·1	013·0
14	010·8	010·9	010·9	010·9	010·8	011·1	011·2	011·6	012·1	012·2	012·5	012·3	012·2	011·9	011·9	012·1	012·4	012·7	013·3	014·2	014·8	015·1	015·7	016·2	012·4
15	016·6	017·0	017·6	018·1	018·4	018·7	019·1	019·7	020·4	020·6	020·7	020·6	020·4	020·1	020·0	020·2	020·5	020·7	020·8	021·1	021·6	022·5	023·1	023·4	019·9
16	023·6	024·0	024·4	024·5	024·6	025·3	025·9	026·4	026·5	027·1	027·2	027·2	027·0	027·1	027·3	027·5	027·8	027·5	027·8	027·6	027·6	027·6	027·5	027·3	026·4
17	026·9	026·8	026·7	026·4	026·0	025·9	025·8	025·8	025·6	025·7	025·4	024·9	024·1	023·9	023·8	023·7	023·7	023·7	023·8	023·7	023·6	023·5	023·5	023·4	024·9
18	022·9	022·6	022·0	021·7	021·2	021·0	021·0	020·6	020·3	020·2	019·7	018·9	018·0	016·9	016·1	015·5	015·0	014·4	013·8	012·7	011·8	011·2	010·5	009·6	017·7
19	008·6	007·6	006·6	005·7	004·5	003·8	002·8	002·3	001·5	000·8	999·8	999·0	997·4	996·6	995·7	995·0	994·1	993·4	991·9	990·7	990·2	989·5	988·2	986·8	998·5
20	985·3	983·6	982·3	980·4	978·8	977·5	975·9	974·5	973·4	972·3	970·9	969·5	968·2	967·3	966·5	966·1	966·2	966·9	967·5	968·2	969·0	969·5	969·9	970·3	**972·8**
21	970·4	970·8	970·9	971·3	971·7	972·0	972·2	972·6	972·8	973·2	973·3	973·2	973·6	973·9	975·8	978·0	979·5	981·5	982·6	983·7	983·9	984·6	984·7	985·2	976·0
22	984·2	983·0	982·2	980·6	978·5	976·7	975·1	974·0	973·2	972·7	972·7	972·6	972·1	972·1	971·3	971·4	970·9	970·4	969·8	970·1	970·8	972·9	975·5	978·3	974·8
23	981·8	985·0	988·0	990·8	992·8	994·9	996·9	999·5	001·4	003·4	004·7	004·8	004·9	005·7	005·9	005·9	005·6	004·9	003·9	002·7	001·6	000·7	000·2	999·8	999·0
24	000·1	999·9	999·7	999·3	999·3	999·7	001·2	003·0	004·6	006·0	007·2	007·7	007·9	009·2	010·4	010·8	011·4	011·9	011·7	012·0	011·7	011·4	011·0	010·5	006·3
25	009·5	008·8	007·8	006·7	005·4	004·3	003·5	003·1	002·9	003·0	002·9	002·2	002·7	002·5	002·4	002·9	002·9	002·8	002·2	002·3	002·3	002·2	002·0	002·0	003·9
26	001·8	001·9	002·0	001·4	001·0	001·0	001·0	001·3	002·3	003·0	004·5	004·7	005·3	005·9	006·3	006·6	006·1	005·7	004·3	003·1	002·6	002·2	002·0	001·7	003·2
27	001·1	000·8	000·6	000·3	000·1	999·8	999·9	000·0	000·2	000·4	000·2	999·5	999·2	998·8	998·3	997·7	997·3	996·8	996·5	996·8	997·0	997·2	997·6	998·3	999·0
28	999·0	999·3	999·7	000·1	000·6	001·1	001·7	002·1	002·7	003·1	002·8	002·2	001·1	000·3	999·3	998·8	997·8	997·2	996·7	996·1	996·0	996·6	996·8	997·4	999·5
29	997·7	998·5	998·9	998·5	997·8	996·5	995·9	995·6	995·5	995·5	995·0	994·3	993·8	993·9	994·0	993·3	992·5	992·3	991·8	991·5	990·8	991·0	990·9	991·3	994·6
30	990·7	991·0	992·0	991·5	990·5	990·0	989·8	989·7	989·7	989·8	989·6	989·3	989·0	987·5	987·2	987·9	988·8	990·2	990·2	990·2	990·1	988·9	990·1	990·2	989·8
31	990·6	992·0	994·1	996·1	997·7	998·4	999·4	001·2	002·6	003·6	004·3	004·8	005·2	005·9	006·5	007·2	007·9	008·2	008·6	009·1	010·4	011·1	012·9	014·8	003·3
Mean (Station level)	1006 ·87	1006 ·95	1007 ·02	1006 ·93	1006 ·79	**1006 ·77**	1006 ·91	1007 ·25	1007 ·58	1007 ·86	**1007 ·87**	1007 ·59	1007 ·28	1007 ·12	1007 ·10	1007 ·20	1007 ·27	1007 ·34	1007 ·24	1007 ·20	1007 ·19	1007 ·27	1007 ·46	1007 ·55	1007 ·22
Mean (Sea level)	1008 ·17	1008 ·24	1008 ·31	1008 ·23	1008 ·09	**1008 ·06**	1008 ·20	1008 ·54	1008 ·87	1009 ·15	**1009 ·16**	1008 ·87	1008 ·56	1008 ·40	1008 ·38	1008 ·49	1008 ·56	1008 ·63	1008 ·53	1008 ·49	1008 ·49	1008 ·56	1008 ·75	1008 ·85	1008 ·51
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

Note.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

PRESSURE AT STATION LEVEL AND AT SEA LEVEL.
ANNUAL MEANS OF HOURLY VALUES.

From readings in millibars at exact hours, Greenwich Mean Time.

399. Richmond (Kew Observatory) : $H_b = 10·4$ metres. **1925.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Station Level	013·35	013·24	013·08	013·00	013·00	013·10	013·26	013·47	013·58	**013·67**	013·59	013·45	013·20	013·02	012·88	**012·87**	012·88	013·02	013·18	013·37	013·51	013·61	013·58	013·53	013·27
Sea Level	014·63	014·52	014·36	014·28	014·28	014·38	014·54	014·74	014·85	**014·94**	014·85	014·71	014·46	014·27	014·13	**014·13**	014·14	014·28	014·44	014·64	014·78	014·88	014·85	014·81	014·54

PRESSURE AT STATION LEVEL: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

400. Richmond (Kew Observatory) : $H_b = 10·4$ metres. **1925.**

Month	Mean.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Jan.	**1023·02**	−0·21	−0·20	−0·22	−0·18	−0·28	−0·23	−0·11	+0·24	+0·45	+0·76	**+0·77**	+0·50	+0·04	−0·25	−0·32	**−0·34**	−0·28	−0·12	−0·05	+0·02	−0·01	+0·09	0·00	−0·06
Feb.	**1003·82**	+0·24	+0·10	−0·25	−0·50	**−0·59**	−0·48	−0·24	+0·19	+0·35	+0·58	**+0·66**	+0·50	+0·14	−0·15	−0·40	−0·31	−0·33	−0·22	−0·11	−0·03	+0·09	+0·17	+0·23	+0·36
Mar.	1020·58	+0·11	−0·04	−0·35	−0·38	−0·39	−0·24	−0·02	+0·23	+0·33	**+0·42**	+0·38	+0·32	+0·03	−0·23	**−0·53**	−0·51	−0·40	−0·16	+0·05	+0·20	+0·27	+0·38	+0·27	+0·24
April	1010·01	+0·05	−0·06	−0·22	−0·31	−0·22	+0·04	+0·18	+0·29	+0·35	+0·35	+0·20	+0·07	−0·11	−0·28	**−0·48**	−0·47	−0·47	−0·33	−0·11	+0·22	+0·31	**+0·38**	+0·37	+0·28
May	1008·25	−0·07	−0·25	−0·37	**−0·45**	−0·30	−0·03	+0·13	+0·28	+0·22	+0·24	+0·11	+0·03	−0·03	−0·11	−0·23	−0·27	−0·35	−·022	−0·06	+0·27	+0·44	**+0·49**	+0·34	+0·19
June	1019·15	+0·30	+0·21	+0·12	+0·18	+0·27	+0·44	**+0·48**	+0·47	+0·38	+0·34	+0·17	+0·02	−0·23	−0·38	−0·57	−0·69	**−0·84**	−0·80	−0·63	−0·36	+0·05	+0·30	+0·36	+0·41
July	1012·46	+0·39	+0·22	+0·01	−0·08	−0·01	+0·07	+0·16	+0·16	+0·15	+0·04	−0·07	−0·15	−0·29	−0·35	−0·46	−0·57	**−0·65**	−0·51	−0·24	0·00	+0·43	+0·60	**+0·63**	+0·53
Aug.	1014·17	+0·04	−0·08	−0·19	−0·29	−0·27	−0·12	+0·06	+0·19	+0·27	+0·31	+0·21	+0·12	+0·02	−0·09	−0·19	−0·31	**−0·42**	−0·40	−0·22	+0·15	+0·31	**+0·38**	+0·32	+0·20
Sept.	1014·06	+0·10	−0·05	−0·17	−0·21	−0·19	0·00	+0·25	+0·44	**+0·57**	+0·51	+0·32	+0·17	−0·07	−0·36	−0·60	−0·73	**−0·73**	−0·45	−0·16	+0·16	+0·28	+0·37	+0·29	+0·22
Oct.	1012·63	+0·06	−0·15	−0·32	−0·40	−0·38	−0·34	−0·09	+0·20	+0·36	**+0·50**	+0·43	+0·23	−0·09	−0·37	**−0·48**	−0·42	−0·31	−0·04	+0·14	+0·22	+0·32	+0·40	+0·31	+0·23
Nov.	1013·02	+0·21	+0·10	−0·19	−0·42	−0·60	**−0·79**	−0·71	−0·31	−0·10	+0·16	+0·09	−0·03	−0·21	−0·32	−0·29	−0·12	+0·14	+0·27	+0·40	+0·49	**+0·62**	+0·60	+0·55	+0·45
Dec.	1007·22	−0·06	−0·01	+0·03	−0·07	−0·24	**−0·30**	−0·18	+0·13	+0·43	**+0·69**	+0·68	+0·37	+0·03	−0·15	−0·20	−0·12	−0·08	−0·04	−0·17	−0·23	−0·26	−0·22	−0·05	+0·02
Year	1013·27	+0·10	−0·02	−0·18	−0·26	−0·27	−0·17	−0·01	+0·21	+0·31	**+0·41**	+0·33	+0·18	−0·06	−0·25	−0·40	**−0·41**	−0·39	−0·25	−0·10	+0·09	+0·24	+0·33	+0·30	+0·26

ABSOLUTE EXTREMES OF PRESSURE AT STATION LEVEL FOR EACH DAY.

Maximum and Minimum for the interval 0h. to 24h., Greenwich Mean Time.

401. Richmond (Kew Observatory) : $H_b = 10·4$ metres. **1925.**

Month	Jan.		Feb.		Mar.		April		May		June	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	008·8	995·3	031·6	015·2	007·1	**997·4**	014·2	009·6	016·8	001·9	022·1	019·6
2	998·2	**985·8**	**033·0**	031·2	020·4	007·1	014·1	010·1	019·7	016·8	024·1	020·8
3	001·1	994·8	031·3	028·4	027·2	019·7	019·8	010·7	019·1	008·2	026·4	024·1
4	012·0	994·2	032·7	028·6	031·2	027·2	019·1	007·2	008·2	003·6	026·0	021·6
5	022·2	012·0	029·9	016·6	030·7	022·9	007·3	997·7	004·2	002·5	022·2	014·8
6	034·1	022·2	016·6	009·1	023·0	014·2	001·8	**995·8**	003·6	999·5	018·5	013·5
7	034·1	030·3	015·4	009·3	014·2	006·5	009·4	001·6	999·5	996·3	022·8	018·5
8	030·3	011·6	011·4	001·5	015·4	004·6	012·2	009·4	002·1	997·2	024·3	022·2
9	032·0	011·4	011·8	003·2	023·7	015·4	011·2	005·3	008·4	002·1	027·9	023·9
10	034·2	031·8	012·9	003·7	029·6	023·7	016·5	006·5	013·5	007·7	**029·3**	027·4
11	033·7	030·6	003·7	984·0	027·1	019·7	019·1	016·5	014·9	013·0	028·1	022·3
12	030·6	023·6	997·5	989·4	032·2	024·6	017·1	015·5	020·9	014·8	022·4	018·2
13	023·9	018·4	995·3	980·2	032·3	020·8	016·6	009·7	**023·4**	020·8	019·8	016·1
14	018·3	015·2	989·8	979·2	020·8	017·9	014·7	003·6	022·0	019·6	022·3	016·1
15	036·8	017·7	994·2	989·8	032·4	020·0	005·2	001·2	020·1	011·2	020·5	016·3
16	037·7	034·0	999·1	994·0	**035·1**	031·5	011·2	999·2	011·2	004·5	016·9	013·9
17	034·7	033·0	004·2	998·5	031·7	028·9	015·8	011·1	007·9	005·2	019·8	016·1
18	037·7	034·5	009·3	003·9	032·9	030·4	013·3	004·3	006·8	005·4	020·9	018·2
19	**040·6**	037·5	012·6	009·2	032·9	027·8	017·3	005·9	013·4	005·4	021·0	017·3
20	040·1	034·9	013·5	011·1	027·8	014·0	022·0	017·0	015·2	013·0	017·5	013·5
21	034·9	029·4	012·1	008·9	016·9	015·1	**022·7**	020·5	014·9	011·7	014·3	**010·2**
22	029·4	021·1	013·1	003·3	023·1	016·6	021·9	010·9	011·9	001·6	017·0	012·5
23	026·7	020·3	003·3	995·8	023·0	015·7	010·9	006·3	001·6	997·6	017·1	015·7
24	028·7	026·5	001·9	985·5	015·7	008·4	008·6	006·6	999·1	997·6	015·8	014·3
25	031·5	026·7	990·1	983·8	012·6	008·2	008·1	001·9	006·4	998·8	017·1	014·3
26	031·5	025·8	983·9	**968·7**	016·3	012·5	006·8	002·5	009·2	006·3	016·7	013·0
27	026·0	017·3	986·3	970·9	018·1	013·9	007·5	006·3	008·0	991·7	020·0	013·7
28	019·4	015·7	997·5	986·3	026·4	018·1	010·1	003·1	999·6	**990·8**	022·0	020·0
29	021·3	011·6	—	—	026·5	022·7	012·9	010·0	008·2	999·5	021·6	019·0
30	017·8	012·6	—	—	023·7	017·2	011·4	002·9	017·9	005·2	020·1	017·2
31	017·2	009·0	—	—	017·2	011·2	—	—	021·9	017·9	—	—
Mean	1026·63	1018·86	1008·36	999·62	1024·10	1017·22	1013·29	1006·96	1011·28	1005·40	1021·15	1017·48

Month	July		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	017·6	009·8	010·6	006·8	021·8	016·8	030·6	026·9	013·4	002·4	016·9	995·2
2	009·8	001·7	016·2	006·4	020·2	015·3	030·4	028·8	006·9	002·1	021·4	016·9
3	006·2	001·2	017·8	014·1	016·3	010·9	028·9	024·2	006·0	994·0	032·5	021·2
4	009·3	005·9	014·2	006·3	017·6	013·8	029·7	025·1	012·9	006·0	**035·3**	032·4
5	013·7	009·2	008·4	005·2	017·5	009·0	030·0	027·6	012·3	007·2	035·1	026·8
6	014·4	013·0	013·8	007·7	019·9	011·0	027·8	019·8	015·0	002·4	026·8	019·0
7	022·6	013·0	017·8	013·7	020·9	017·7	024·4	018·4	002·4	**978·0**	019·0	009·0
8	022·7	020·3	017·5	013·7	017·7	013·7	032·1	024·4	993·6	978·4	009·1	000·0
9	021·4	020·3	013·9	009·0	013·8	004·2	**033·5**	030·7	003·5	993·6	004·8	001·2
10	022·7	018·2	012·1	007·6	010·7	002·8	030·7	021·4	014·7	003·5	007·5	001·9
11	025·2	022·7	019·4	009·8	018·6	010·7	021·4	017·3	030·6	014·7	009·6	007·3
12	**025·5**	023·8	019·4	017·3	025·2	018·3	017·3	013·6	030·9	025·7	014·6	008·9
13	**025·5**	023·3	022·5	017·1	029·2	025·2	013·6	005·1	025·7	018·4	014·7	011·1
14	023·7	018·1	026·4	022·0	**029·4**	026·1	018·1	009·5	018·9	017·9	016·2	010·7
15	018·6	015·7	027·6	025·8	026·3	016·2	019·4	017·4	021·3	018·5	023·4	016·2
16	016·4	011·9	025·9	022·2	016·2	011·5	018·7	014·6	025·4	021·0	027·9	023·4
17	012·5	006·8	022·2	013·7	013·5	007·5	017·7	011·3	028·7	024·6	027·3	023·4
18	007·5	004·3	013·7	011·2	013·3	007·5	012·3	010·2	031·1	028·2	023·4	009·6
19	011·6	007·3	011·4	009·6	012·1	989·7	015·4	012·1	**032·4**	030·5	009·6	986·8
20	014·0	010·6	010·9	007·5	005·0	998·4	012·2	002·2	031·8	029·3	986·8	**966·0**
21	016·6	013·6	007·5	**998·3**	005·7	000·5	002·3	993·8	029·3	019·0	985·3	970·3
22	015·6	009·7	000·4	998·8	005·4	986·0	993·8	973·1	019·1	013·5	985·2	969·7
23	013·2	008·3	002·3	000·0	004·5	**985·6**	979·5	**971·9**	018·4	013·5	005·9	978·3
24	013·2	011·3	004·2	001·4	014·9	004·5	987·8	979·0	021·2	014·2	012·0	999·2
25	012·0	006·1	017·4	004·1	016·5	008·3	007·7	987·8	017·8	005·4	010·5	001·8
26	006·1	999·2	018·2	017·1	018·5	006·5	007·8	997·7	021·7	017·4	006·7	000·9
27	002·4	**996·6**	020·3	016·8	027·5	018·5	008·1	997·3	017·4	006·6	001·8	996·5
28	011·1	002·2	022·5	019·9	027·5	023·8	015·0	008·1	006·7	001·6	003·3	995·9
29	011·3	007·2	026·2	021·2	023·9	022·4	013·5	008·4	008·4	999·7	999·0	990·8
30	009·9	007·9	**028·4**	025·5	027·1	022·8	008·4	004·5	999·7	992·5	992·0	986·9
31	009·3	003·5	025·7	021·8	—	—	013·5	005·8	—	—	014·8	990·1
Mean	1014·89	1010·41	1016·61	1011·99	1017·89	1010·17	1016·18	1009·29	1017·24	1009·33	1012·21	1002·17

	Max.	Min.
Year	1016·65	1009·91

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 is written 005·6.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

402. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulb above the ground) = 3·0 metres.

January, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	78·6	78·4	77·5	77·1	77·1	76·8	77·1	77·2	78·6	80·5	81·5	82·5	83·0	82·5	83·1	82·8	83·0	83·1	83·0	83·2	83·0	83·0	83·1	83·1	80·7
2	82·0	82·0	81·7	80·6	79·6	79·9	82·9	83·0	83·0	83·2	83·7	84·3	84·9	85·1	85·3	85·4	84·8	84·4	84·1	84·0	83·6	83·4	83·7	83·3	83·2
3	83·3	83·2	83·2	83·2	82·7	82·7	83·1	83·1	83·4	83·9	83·2	83·6	83·0	82·7	82·6	82·5	81·7	80·8	80·0	80·0	79·9	79·8	79·9	80·1	82·2
4	81·6	84·1	83·8	82·6	82·0	81·1	80·6	81·1	81·2	82·0	82·8	83·1	83·1	82·1	82·2	81·2	80·8	80·6	80·0	79·6	79·3	79·2	78·9	78·3	81·3
5	78·3	78·3	78·2	77·5	77·1	77·0	77·1	77·0	77·1	78·2	79·3	80·6	81·1	81·3	81·1	80·6	79·1	78·6	78·2	78·2	77·5	77·1	77·1	76·9	78·5
6	76·2	75·8	76·0	75·7	75·5	75·3	75·3	75·4	75·5	76·1	77·5	78·5	78·9	79·0	78·7	78·1	77·0	75·7	75·3	74·6	74·2	73·6	73·4	73·7	76·1
7	73·2	73·4	73·2	73·0	73·5	74·6	75·1	75·5	76·2	76·8	77·2	78·2	78·3	78·5	78·6	78·5	78·5	78·6	78·6	78·6	78·5	78·4	78·5	78·5	76·7
8	78·2	78·2	78·0	78·0	78·2	78·2	77·4	76·7	77·2	78·4	79·4	79·8	80·2	80·0	79·8	79·1	78·1	78·4	79·1	79·1	79·8	79·9	80·4	80·2	78·8
9	80·2	80·5	80·0	80·3	80·6	80·7	81·2	80·6	80·3	80·5	80·5	81·5	81·5	81·5	81·2	80·4	79·1	78·4	77·7	76·6	75·5	75·1	74·0	72·3	79·3
10	71·9	72·5	72·7	71·9	70·9	70·8	70·6	70·1	70·3	70·2	72·0	73·6	75·6	77·2	77·2	76·1	74·0	73·1	72·3	71·1	71·0	71·8	71·6	71·0	72·5
11	71·9	71·8	71·4	71·4	71·3	71·1	71·1	70·9	71·1	71·8	72·0	72·8	72·9	72·5	72·4	72·3	72·3	72·7	73·2	73·6	73·7	73·7	73·7	73·6	**72·2**
12	73·3	73·2	73·0	72·3	72·3	72·3	72·2	72·3	73·0	73·2	73·1	74·0	75·1	76·7	75·8	75·2	75·6	76·0	75·8	75·6	75·4	75·1	74·6	74·6	74·1
13	74·2	74·0	73·7	73·2	73·6	73·8	74·2	75·1	77·4	79·1	79·6	80·7	80·4	80·4	80·1	79·5	79·1	78·9	78·8	78·5	78·2	78·2	78·5	78·7	77·3
14	78·6	78·6	78·6	79·0	79·6	80·0	81·0	80·8	81·3	81·6	81·8	82·2	82·8	83·1	83·2	83·2	83·2	83·2	83·3	83·6	83·9	83·8	83·8	83·7	81·7
15	83·7	83·4	83·6	84·2	84·4	84·5	84·7	84·7	84·8	81·7	81·1	81·1	81·3	81·3	81·3	81·1	79·2	78·4	77·2	76·1	76·3	75·0	74·5	74·5	80·9
16	74·4	75·5	75·2	75·8	75·8	76·3	75·6	75·4	76·6	77·7	78·7	80·1	81·1	81·7	82·0	82·1	82·3	82·4	82·2	82·3	82·7	82·8	83·0	83·2	79·2
17	83·3	83·2	83·1	83·3	83·4	83·2	83·1	83·1	83·0	83·1	83·3	83·7	83·7	83·7	83·7	83·2	82·8	81·5	80·7	80·3	81·3	81·2	81·3	81·3	82·7
18	81·4	81·3	80·2	80·2	80·7	80·5	80·0	79·2	79·3	79·2	80·1	80·2	81·5	82·1	82·5	81·7	80·2	79·5	79·1	78·1	77·5	77·2	77·6	78·2	80·0
19	77·8	77·3	77·2	77·6	77·2	76·8	77·3	76·7	76·3	76·3	76·5	77·2	78·4	79·0	79·2	79·3	79·3	78·7	78·5	78·2	78·0	78·1	77·9	77·1	77·8
20	76·5	76·4	76·0	75·6	75·3	75·5	75·6	76·0	76·6	76·9	77·4	77·9	78·0	78·2	78·2	78·1	77·6	77·2	77·0	76·8	76·6	76·6	76·6	76·6	76·8
21	76·1	76·0	76·0	75·9	75·8	75·7	75·7	75·8	76·0	76·1	76·3	76·6	76·7	76·7	76·7	76·7	76·4	76·4	76·2	76·1	76·0	75·8	75·6	75·7	76·1
22	75·6	75·7	75·4	75·1	74·9	74·3	74·3	74·2	75·4	76·0	77·6	80·2	82·6	82·9	82·6	81·6	80·0	79·7	79·4	79·4	79·3	80·1	80·5	80·0	78·1
23	80·0	79·6	80·5	81·0	80·9	80·1	78·6	78·2	78·3	79·3	80·2	81·5	82·2	82·6	81·9	81·3	80·2	79·4	79·5	79·2	79·1	78·3	77·3	76·6	79·9
24	77·1	77·1	77·2	77·1	76·8	76·4	76·0	75·4	76·1	77·4	79·4	80·2	81·0	81·8	82·0	80·6	79·2	79·3	79·0	78·3	77·2	76·5	76·3	77·3	78·1
25	77·3	77·2	76·5	76·0	74·9	73·8	74·0	74·9	76·0	76·2	76·5	77·2	77·5	78·2	78·8	79·1	78·2	78·6	77·9	78·1	78·2	78·2	77·9	78·0	77·0
26	78·0	78·1	78·2	78·1	78·3	78·2	78·0	77·9	77·7	77·5	77·2	77·2	77·3	77·2	77·0	76·7	76·6	76·6	76·7	77·0	77·1	77·1	77·0	76·8	77·4
27	76·5	76·2	75·9	75·8	76·0	76·2	76·3	76·4	76·3	76·7	77·0	77·1	77·1	77·2	77·3	77·6	77·8	77·9	77·8	78·0	78·2	78·2	78·0	78·0	77·0
28	77·8	77·7	77·8	77·6	77·6	77·5	77·3	77·2	77·5	77·8	78·3	79·0	79·9	81·2	80·5	79·7	79·7	79·3	80·3	80·5	80·1	79·1	78·1	77·5	78·7
29	77·1	76·3	75·7	75·6	76·0	76·1	76·5	77·1	78·7	79·7	80·2	80·8	82·0	82·7	83·1	83·2	83·3	83·6	83·9	84·2	84·4	84·4	84·7	84·1	80·4
30	84·1	84·0	83·6	82·5	82·1	81·7	82·5	82·2	83·2	83·6	84·1	84·3	85·0	84·8	85·2	84·9	84·7	84·7	84·2	83·9	83·9	83·8	83·7	83·6	**83·8**
31	83·6	83·5	83·4	83·2	83·2	83·4	83·3	83·2	83·5	84·0	84·3	85·0	84·2	84·6	84·2	83·9	83·5	81·5	79·6	79·8	79·2	79·0	78·1	78·0	82·6
Mean ...	78·1	78·1	77·9	77·7	77·7	**77·6**	77·7	77·6	78·1	78·5	79·1	79·8	80·3	**80·6**	80·6	80·2	79·6	79·3	79·0	78·8	78·7	78·5	78·4	78·2	78·7

403. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

February, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	77·8	77·3	76·9	76·3	76·1	76·0	76·1	76·0	76·7	77·6	78·7	79·2	80·1	80·2	81·0	80·7	80·2	79·5	78·9	78·2	77·7	76·5	76·6	76·0	78·0
2	75·7	75·5	75·4	74·9	74·3	74·5	74·2	74·0	75·4	76·4	78·6	80·2	81·1	81·6	81·7	81·3	80·8	79·8	79·3	78·5	78·8	78·4	78·5	78·8	77·8
3	79·2	79·8	80·0	80·1	80·1	80·5	81·1	81·4	81·9	82·7	83·6	84·0	84·9	84·9	85·1	84·6	84·2	83·7	83·7	83·6	83·0	83·2	83·1	83·2	82·5
4	83·1	83·2	82·9	83·0	82·5	82·1	82·0	81·7	81·6	82·1	82·4	82·8	83·7	84·0	84·0	83·6	83·3	82·4	81·3	80·8	81·2	81·4	81·7	81·4	82·5
5	82·2	82·3	82·7	83·0	83·1	83·2	83·2	83·2	83·3	83·6	84·0	83·9	84·7	84·7	84·3	84·1	83·7	83·5	83·3	83·2	83·4	83·4	83·3	83·2	**83·4**
6	83·1	83·1	82·7	82·4	82·2	82·2	82·2	82·0	79·9	80·1	80·0	80·6	81·1	81·3	81·1	81·1	80·7	79·7	79·1	78·5	78·1	77·9	76·9	76·5	80·7
7	76·1	76·0	75·3	75·2	75·2	75·1	74·8	74·8	75·8	76·9	78·1	79·0	79·2	79·1	79·5	79·2	78·3	77·0	75·7	75·2	75·2	75·3	76·2	76·7	76·6
8	78·2	79·1	79·0	79·1	79·7	80·2	80·8	81·4	82·3	83·6	84·3	84·7	84·9	85·0	84·5	84·3	84·3	84·1	84·6	84·3	83·8	83·8	83·7	84·2	82·5
9	84·3	83·5	83·2	83·2	83·1	83·2	83·0	82·7	82·7	83·2	83·3	83·7	84·0	84·2	84·8	83·9	83·6	84·2	84·2	84·3	82·9	81·4	80·7	80·1	83·3
10	79·3	79·3	79·2	79·7	79·7	80·3	81·1	81·4	82·6	83·5	84·3	84·3	84·9	84·3	84·2	84·0	83·9	84·0	83·8	83·9	83·8	83·7	83·5	83·3	82·5
11	83·3	83·2	83·1	83·0	83·3	83·2	82·9	83·0	83·2	83·4	83·8	83·8	84·3	84·6	84·7	84·3	84·1	83·6	84·1	84·2	83·8	83·4	78·2	76·7	83·3
12	76·5	76·3	75·9	76·9	77·3	78·0	77·1	77·1	78·2	77·7	77·3	79·6	80·3	80·9	81·1	80·7	79·4	78·2	78·3	78·7	78·3	78·6	78·6	78·7	78·3
13	79·3	79·7	79·2	79·2	80·3	80·6	81·0	80·7	81·0	81·7	81·6	81·8	80·8	80·8	79·4	79·1	78·8	79·1	78·9	78·8	79·0	79·1	79·4	79·3	79·9
14	79·2	78·3	76·3	76·7	77·0	76·5	77·0	76·8	76·7	77·4	77·7	78·1	78·7	79·3	78·6	79·3	78·6	78·4	77·2	77·2	77·1	77·3	77·6	77·2	77·7
15	77·1	77·6	77·2	76·6	76·1	76·2	76·9	77·1	77·4	78·6	79·8	80·4	80·6	80·7	80·8	80·7	79·7	79·1	78·4	77·7	77·0	76·8	75·8	75·8	78·1
16	75·7	73·1	72·2	73·8	74·3	74·4	74·8	75·0	75·8	76·8	78·5	79·9	80·8	80·8	80·7	80·3	80·1	78·9	78·0	77·3	76·7	76·3	76·8	77·3	77·0
17	77·1	77·3	76·8	76·0	75·7	75·4	75·3	75·2	75·8	76·3	77·3	77·7	79·0	79·3	80·1	80·0	78·5	78·2	77·3	77·0	76·6	76·3	76·6	76·4	77·2
18	76·1	76·0	75·8	75·5	75·4	75·5	75·4	76·1	76·8	77·8	78·2	79·2	80·0	80·5	81·1	80·9	79·9	78·0	77·3	77·1	76·2	75·7	75·7	75·7	77·3
19	75·4	75·5	75·7	75·8	76·1	75·6	75·1	75·1	75·9	77·4	77·2	77·7	78·2	78·6	78·1	78·2	77·2	76·9	76·5	76·5	76·6	76·4	76·4	76·5	76·6
20	76·5	76·6	76·2	75·9	76·0	75·8	75·8	75·9	76·6	77·1	77·5	78·5	78·6	78·8	79·1	78·9	78·0	77·8	77·6	77·1	76·6	76·1	76·0	75·8	77·0
21	75·3	75·2	75·2	75·1	75·0	75·1	74·7	74·6	75·1	76·1	77·2	78·2	78·7	78·9	78·0	77·2	76·5	76·3	75·9	75·2	75·4	75·0	75·1	74·8	76·0
22	74·8	74·6	74·3	74·2	74·2	74·2	74·2	74·3	73·8	74·7	74·9	75·8	76·9	77·3	77·7	77·8	77·2	75·8	75·6	74·9	74·6	74·2	73·9	73·9	**75·2**
23	74·1	74·2	74·3	75·3	76·4	76·9	77·1	76·7	76·4	75·8	75·8	75·7	76·0	75·9	76·0	76·1	76·4	76·3	76·3	75·9	76·5	77·0	75·7	75·1	75·9
24	73·7	73·4	73·3	73·2	72·6	72·0	72·1	73·9	76·5	78·1	78·5	78·8	77·9	76·3	77·3	77·6	78·7	77·7	76·3	76·2	76·5	76·5	76·5	76·3	75·8
25	76·5	76·3	75·4	75·2	75·6	75·5	75·3	75·9	77·6	79·5	79·8	79·9	78·0	77·9	78·7	79·6	79·7	79·5	80·1	80·2	80·0	80·1	80·3	80·5	78·1
26	79·7	80·0	80·6	80·8	81·1	81·4	81·2	80·9	81·0	80·1	81·1	80·4	81·6	81·4	81·4	79·6	79·9	79·9	79·2	78·6	78·0	78·6	79·3	78·7	80·2
27	78·2	78·3	78·6	78·7	78·2	77·8	77·9	78·2	79·0	80·0	80·1	81·1	81·0	81·2	81·3	81·0	80·5	80·2	80·1	80·1	79·9	79·5	79·3	79·2	79·5
28	78·9	78·7	78·9	78·6	78·6	78·6	78·4	78·5	79·6	80·8	81·4	82·4	82·4	83·2	83·5	83·1	82·2	81·2	79·9	79·2	78·9	78·3	78·0	78·1	80·1
Mean ...	78·1	78·0	**77·7**	77·8	77·8	77·9	77·9	78·0	78·5	79·3	79·8	80·4	80·8	80·9	**81·0**	80·8	80·3	79·7	79·3	79·0	78·8	78·6	78·3	78·2	79·0
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

404. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulb above the ground) = 3·0 metres.

March, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	78·4	77·2	76·8	76·4	76·1	76·8	77·1	77·3	78·2	78·6	78·8	80·2	82·1	81·4	80·8	79·2	78·8	78·6	78·6	78·7	78·7	78·5	78·1	78·0	78·5
2	78·0	78·3	78·3	77·9	77·8	78·3	78·1	78·2	78·7	79·3	79·8	80·5	81·0	80·3	80·2	79·6	79·0	78·9	79·1	78·8	78·7	78·8	78·2	77·7	78·9
3	77·7	77·3	77·2	77·2	76·7	76·7	77·1	77·4	78·2	78·8	79·4	80·1	80·2	80·3	79·9	79·7	79·1	78·3	78·3	78·1	77·8	77·4	77·5	77·6	78·3
4	77·2	76·7	77·1	77·2	77·1	76·9	76·6	77·3	77·6	78·0	78·1	79·0	79·1	79·1	79·7	79·4	79·2	78·8	78·7	78·3	77·6	77·1	77·4	77·3	77·9
5	77·2	77·7	77·6	77·4	77·9	77·7	77·2	77·7	78·4	79·7	80·4	80·8	81·5	82·1	81·9	81·6	81·2	80·6	80·3	80·1	80·2	80·0	79·2	79·1	79·4
6	79·1	79·2	79·2	79·3	79·2	79·6	79·4	79·8	80·8	81·5	82·5	82·6	82·4	82·8	82·8	82·8	82·6	82·2	82·3	82·0	82·2	82·3	82·1	82·1	81·2
7	81·7	81·7	81·2	81·4	81·3	81·3	81·1	81·2	82·1	83·7	83·7	83·8	83·2	83·8	84·1	83·6	83·1	81·8	81·5	81·4	80·7	80·8	80·4	80·1	**82·1**
8	80·0	78·4	78·9	78·5	78·7	77·9	77·1	77·6	78·2	78·7	79·2	79·2	78·5	79·7	78·3	79·1	76·3	75·7	75·4	75·2	74·3	74·6	73·7	73·6	77·5
9	74·0	73·8	73·4	73·3	72·9	72·7	73·2	74·1	74·5	75·6	76·3	77·1	77·9	78·3	78·9	78·8	78·4	77·3	76·5	76·1	75·5	75·1	75·1	74·9	75·5
10	74·4	74·3	74·1	73·8	73·4	73·3	73·3	74·2	75·6	76·6	77·8	78·3	78·8	79·4	79·7	79·6	79·2	78·2	77·2	76·2	76·2	76·0	76·2	76·2	76·3
11	75·9	75·7	75·7	75·7	76·0	76·1	76·3	76·7	76·3	75·7	75·8	76·5	77·5	78·4	78·4	78·1	77·1	77·2	76·6	75·7	75·0	74·2	73·6	73·6	76·2
12	73·4	73·2	73·4	73·1	73·4	73·6	73·6	73·4	74·4	74·6	74·9	75·2	75·8	75·8	75·5	75·5	75·1	74·6	74·0	73·2	73·0	72·5	71·9	71·6	**74·0**
13	71·2	70·9	70·1	70·1	69·8	69·4	69·4	71·0	72·9	75·2	76·9	77·7	78·1	77·9	77·7	77·6	78·0	77·7	78·0	78·1	77·2	77·2	77·4	77·9	74·8
14	78·0	78·1	78·6	78·4	78·0	77·7	77·2	78·1	80·2	80·7	82·0	82·7	83·3	82·8	82·9	83·1	82·8	82·0	82·0	82·1	81·5	80·9	80·6	80·8	80·5
15	81·1	81·1	80·9	80·8	80·8	80·6	80·6	80·8	81·4	82·1	83·1	83·5	83·5	83·7	83·6	83·3	83·1	82·3	81·9	81·4	80·1	78·4	77·4	76·6	81·4
16	76·7	76·1	75·9	75·9	76·1	75·6	76·2	76·8	78·0	79·6	81·4	82·6	83·2	84·2	84·7	84·6	83·7	83·1	82·4	82·1	81·8	81·8	80·9	80·1	80·1
17	79·8	80·0	80·1	80·2	80·2	80·8	80·9	81·2	81·7	82·4	83·0	83·2	83·9	84·1	83·6	83·3	83·0	82·7	81·7	80·8	80·2	79·3	78·5	78·2	81·4
18	77·7	77·2	76·4	75·5	75·2	74·3	73·9	75·2	77·0	78·2	78·8	80·2	81·2	81·8	82·2	82·1	81·3	80·2	78·8	77·6	77·0	76·1	75·3	73·8	77·9
19	73·2	72·7	72·3	72·3	71·6	71·8	71·7	72·5	73·8	74·8	76·4	78·8	80·3	81·2	82·9	83·4	83·4	83·0	82·2	81·3	80·6	80·7	80·2	80·2	77·4
20	80·2	80·1	79·5	79·3	79·0	78·8	79·0	79·4	80·1	80·7	81·2	81·5	82·1	82·3	82·1	81·8	81·8	81·4	81·2	77·1	85·7	75·5	75·6	75·6	79·7
21	75·3	75·3	74·8	74·1	73·8	73·4	73·5	74·1	74·9	75·3	76·6	75·9	76·5	77·5	77·4	75·2	76·2	75·7	75·1	74·6	74·1	73·9	73·8	73·8	75·1
22	73·5	73·8	73·5	73·4	73·2	72·7	73·0	73·4	74·2	75·1	76·3	77·1	78·0	78·3	79·2	79·2	75·3	74·6	74·7	74·7	75·0	74·2	73·7	73·3	75·0
23	73·0	72·7	73·1	72·4	72·4	72·5	72·3	73·2	74·6	76·5	77·5	78·2	79·5	80·4	80·1	80·1	79·8	78·9	77·3	76·7	76·9	76·5	76·3	76·6	76·1
24	77·1	77·3	77·5	77·6	77·6	77·4	77·5	78·3	78·7	79·7	81·2	81·5	81·3	81·8	82·2	81·7	81·4	79·3	77·8	77·8	78·0	77·8	77·2	76·7	78·9
25	76·6	75·7	75·1	74·4	74·2	74·3	75·1	75·4	76·7	77·2	78·2	79·6	81·2	81·2	81·2	81·3	81·3	79·7	79·0	78·5	77·7	76·3	76·3	75·8	77·6
26	75·4	74·7	74·7	74·7	74·6	75·1	75·5	76·3	77·6	78·5	79·0	79·5	80·0	80·2	80·4	80·2	79·9	78·9	78·3	77·7	77·4	77·1	77·0	76·6	77·5
27	76·4	76·2	76·1	76·1	76·6	76·6	76·9	76·7	77·3	78·2	78·6	79·1	79·1	79·1	79·4	79·2	78·9	78·5	77·8	77·3	77·0	76·6	76·4	76·1	77·5
28	75·7	75·4	75·3	75·0	75·1	75·4	76·0	76·5	77·9	78·1	79·5	80·2	80·6	80·3	79·8	78·0	78·1	78·0	77·7	77·3	77·2	76·9	75·7	75·2	77·3
29	74·5	74·0	73·2	73·5	73·7	74·0	74·4	75·6	76·7	78·1	80·0	80·2	80·7	81·7	82·1	82·3	82·6	82·2	81·5	81·1	80·8	80·5	80·3	80·2	78·4
30	80·1	79·9	79·7	79·6	79·5	79·4	79·4	79·7	80·3	80·5	81·3	82·2	82·2	82·6	82·3	82·4	81·9	81·3	81·1	81·1	80·8	80·8	80·8	80·8	80·8
31	80·8	80·6	80·7	80·4	80·6	80·6	80·6	81·2	82·7	83·7	82·6	83·4	83·3	83·7	83·5	82·9	82·6	82·1	81·1	80·2	79·3	79·3	79·6	80·0	81·5
Mean ...	76·9	76·6	76·5	76·3	76·2	**76·2**	76·2	76·8	77·7	78·6	79·4	80·0	80·5	80·9	**80·9**	80·6	80·1	79·5	79·0	78·4	78·0	77·7	77·3	77·1	78·2

405. Richmond (Kew Observatory) : North Wall Screen : h_b = 3·0 metres.

April, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	80·2	80·2	80·1	79·7	80·1	80·3	81·1	80·1	79·8	80·3	81·2	81·8	82·5	83·2	83·8	83·6	83·3	83·2	81·6	79·1	78·9	78·1	77·2	77·1	80·7
2	76·7	75·8	75·4	75·7	75·3	75·8	77·1	78·3	81·3	82·0	82·1	82·6	83·5	84·6	84·7	83·2	82·2	82·1	81·8	81·6	81·3	80·8	80·5	80·1	80·1
3	79·4	79·3	79·1	79·1	79·2	78·7	78·4	78·5	79·0	79·6	80·3	81·2	81·4	81·3	81·4	81·2	81·0	80·2	78·5	77·4	76·9	76·3	76·0	75·2	79·2
4	74·2	73·6	72·7	72·5	72·4	72·6	74·1	75·8	77·8	78·5	79·1	80·1	81·1	82·2	82·2	82·1	81·2	80·1	78·0	76·6	76·6	77·5	78·2	78·5	**77·3**
5	78·2	78·6	78·5	78·5	79·0	79·5	80·0	80·8	82·2	82·9	83·3	83·7	83·2	83·6	83·1	82·7	82·9	82·6	82·2	82·1	82·1	82·2	81·9	81·9	81·4
6	82·2	82·3	82·1	82·1	82·1	82·0	81·9	82·2	82·5	82·5	82·9	84·4	85·6	85·8	86·9	86·0	85·7	84·2	83·5	83·1	82·6	82·0	82·1	81·7	83·3
7	81·1	79·7	79·1	78·0	78·6	78·8	79·3	79·6	80·3	81·5	83·1	84·7	85·9	86·6	86·7	85·6	83·6	83·5	82·7	83·0	82·6	81·6	81·4	81·7	82·0
8	81·2	80·8	80·2	79·7	79·6	79·2	79·1	81·0	82·4	84·1	85·2	86·6	87·5	88·1	88·0	88·7	89·1	87·1	85·6	84·8	83·5	82·1	80·3	79·5	**83·5**
9	79·2	78·3	78·3	77·8	77·8	78·1	79·8	82·9	84·7	85·6	86·6	87·5	87·5	86·8	86·7	85·9	85·4	85·0	84·4	83·5	82·6	82·1	81·7	81·0	82·9
10	80·6	80·6	80·6	80·5	80·5	80·5	80·5	81·1	82·1	83·0	83·8	84·1	84·5	85·0	83·6	84·3	84·2	84·4	83·6	82·6	82·0	80·7	80·1	79·7	82·2
11	78·9	77·7	77·3	76·7	76·5	75·8	76·0	78·0	81·0	83·1	84·8	86·2	86·5	88·0	88·2	88·5	87·2	86·7	84·9	83·4	82·1	80·7	80·0	79·2	82·0
12	77·6	76·6	76·6	75·4	75·7	75·5	76·0	76·4	78·3	82·2	84·9	85·4	86·0	86·9	87·2	87·4	87·6	87·8	86·6	84·8	82·9	81·0	79·9	79·7	81·6
13	79·0	78·3	78·1	77·7	77·6	77·3	79·6	81·5	83·6	85·2	86·1	86·0	84·4	84·2	84·0	84·2	84·7	84·5	83·7	83·0	82·0	80·8	80·1	79·3	81·9
14	78·6	78·2	77·9	77·2	76·7	76·6	78·3	80·0	81·1	82·3	82·6	83·7	84·1	85·0	84·9	83·9	82·7	81·6	80·6	81·0	81·7	82·6	83·3	83·5	81·1
15	83·7	84·0	84·2	84·2	84·2	83·5	83·5	83·4	83·5	84·0	84·1	84·2	84·3	84·4	83·1	84·2	83·7	82·0	81·5	81·0	78·0	78·5	78·3	78·5	82·8
16	78·4	78·1	78·1	78·6	79·2	79·6	80·1	80·7	81·2	81·8	82·2	82·3	82·5	83·6	83·1	83·3	82·9	82·3	82·2	82·1	82·0	81·7	81·6	81·3	81·1
17	81·4	81·5	81·2	80·1	78·9	79·0	79·7	80·8	81·8	82·9	83·2	83·6	84·7	85·2	85·4	85·8	86·2	85·3	83·7	82·7	81·8	81·5	80·5	79·8	82·4
18	79·3	79·7	80·1	80·2	80·5	80·9	81·7	81·9	82·7	83·2	83·5	84·4	86·0	84·9	84·8	84·8	85·1	84·9	83·9	83·3	83·0	82·3	81·0	80·2	82·6
19	79·8	79·7	79·8	80·2	80·1	80·4	82·2	83·5	84·4	85·1	85·0	84·5	83·4	82·3	81·7	81·7	81·3	81·1	80·6	80·4	79·8	79·4	79·1	78·9	81·5
20	79·0	78·9	78·9	78·9	79·0	79·1	79·2	79·6	80·6	80·8	80·9	81·3	81·3	81·8	82·1	81·5	81·0	80·9	79·9	79·1	78·9	78·7	78·7	78·6	79·9
21	78·4	78·8	78·7	78·6	78·7	79·0	79·6	79·9	80·1	81·0	82·7	83·5	84·9	85·4	85·9	86·1	86·0	83·9	81·9	80·3	79·5	78·5	77·8	77·0	81·1
22	76·1	75·7	75·0	74·2	73·5	74·1	76·4	79·2	82·3	84·0	85·4	86·2	87·5	88·2	87·7	87·5	86·4	85·1	83·2	82·1	81·6	81·3	81·4	81·6	81·4
23	81·8	82·2	82·6	82·3	82·1	82·3	82·9	83·2	81·6	81·8	82·1	82·1	82·3	82·3	83·8	83·1	82·7	82·5	81·9	80·8	79·9	79·1	78·4	77·7	81·8
24	76·9	76·7	76·3	75·8	75·9	76·6	78·6	80·0	81·1	81·6	79·9	82·0	81·0	83·3	82·4	81·8	80·7	80·7	80·2	79·4	78·8	78·2	77·0	76·2	79·2
25	76·2	76·2	75·3	75·1	74·9	75·5	77·1	78·8	80·6	82·4	82·5	83·2	84·4	83·8	83·5	84·1	83·9	83·6	83·2	82·1	80·8	79·5	79·8	79·8	80·2
26	79·3	78·5	77·7	77·3	77·2	77·8	78·7	80·2	80·8	81·2	82·0	82·7	83·6	78·5	81·7	79·0	80·1	80·0	79·8	78·8	78·5	78·2	77·8	77·7	79·5
27	77·4	78·2	78·6	78·7	78·7	79·0	79·5	79·3	80·5	81·8	82·5	80·1	82·0	83·0	83·0	82·5	81·9	81·6	80·8	79·9	79·8	79·9	79·7	79·5	80·3
28	79·5	79·4	79·2	79·5	79·6	79·7	80·2	80·9	81·2	80·4	82·1	82·9	83·0	82·7	82·1	83·1	83·0	81·6	81·2	80·6	79·8	79·6	79·2	78·4	80·8
29	77·6	77·1	76·5	76·2	75·3	76·2	77·4	79·2	80·6	82·4	83·1	83·4	84·3	85·9	84·6	80·8	81·0	82·1	80·9	80·2	80·0	79·3	78·7	78·1	80·0
30	77·9	77·6	76·9	77·8	78·1	78·0	79·0	80·9	82·7	83·7	83·1	83·9	84·9	85·0	83·0	83·1	84·1	83·0	79·6	79·6	79·1	79·2	79·2	79·0	80·7
Mean ...	79·0	78·7	78·5	78·3	**78·2**	78·4	79·2	80·3	81·4	82·4	83·0	83·6	84·1	**84·4**	84·3	84·0	83·7	83·1	82·1	81·3	80·6	80·1	79·7	79·3	81·2
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

406. Richmond (Kew Observatory): North Wall Screen : h_t (height of thermometer bulb above the ground) = 3·0 metres.

May, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	78·6	78·2	78·0	78·0	77·8	77·0	76·7	77·4	78·6	79·3	80·3	82·3	83·1	83·1	82·6	83·1	80·8	81·6	81·1	80·4	79·6	78·9	78·5	77·6	**79·7**
2	77·2	76·7	76·5	76·2	76·3	76·6	78·1	80·0	81·7	83·1	84·1	85·0	85·6	85·3	84·5	85·1	85·4	84·9	84·4	83·7	82·8	82·5	82·2	82·0	81·6
3	80·7	79·6	79·4	79·0	78·4	80·1	81·8	83·1	84·5	85·4	87·6	87·2	86·7	86·0	84·0	82·4	82·0	81·6	81·6	81·4	81·8	82·0	81·9	81·9	82·5
4	82·0	82·1	82·4	82·9	83·0	83·1	83·8	83·6	85·3	86·0	86·1	85·7	86·1	87·0	87·5	87·6	88·1	86·6	85·6	85·2	84·2	84·2	84·3	84·4	84·8
5	84·2	84·1	81·0	80·6	80·3	80·5	81·0	82·4	84·3	85·1	86·0	84·7	86·0	86·5	86·0	85·2	86·0	84·6	85·3	82·9	81·1	80·0	79·3	79·4	83·3
6	78·8	79·4	80·0	79·8	80·0	81·0	82·6	82·1	82·5	83·0	83·4	85·3	86·4	85·9	87·3	86·3	86·2	86·0	85·4	83·8	82·7	82·5	82·2	81·9	83·1
7	81·5	81·7	81·0	80·9	81·1	81·3	81·3	82·1	83·7	83·1	84·4	85·4	85·1	86·0	85·6	85·0	83·9	83·9	83·2	82·2	81·1	80·8	81·3	80·9	82·8
8	80·9	81·2	80·4	80·7	81·2	81·9	82·5	82·6	82·0	82·7	84·2	83·7	84·6	85·0	85·6	87·3	87·0	87·2	84·8	83·4	82·8	82·0	80·9	80·1	83·1
9	79·5	79·3	79·0	79·2	80·6	81·5	82·5	83·8	84·9	86·0	87·0	86·8	86·6	87·5	86·9	87·1	86·3	87·0	84·9	83·2	82·0	82·2	81·9	81·1	83·6
10	81·1	80·0	79·3	79·1	79·0	81·6	83·5	84·3	85·3	85·1	86·3	85·5	83·0	85·1	84·3	87·0	87·1	88·0	87·0	83·7	81·9	81·7	80·3	80·1	83·3
11	79·9	78·8	78·8	78·0	78·8	80·2	82·2	82·8	82·5	84·3	87·1	88·2	88·4	88·4	89·0	88·4	87·0	86·1	85·1	85·0	84·9	84·9	85·0	84·9	84·0
12	84·9	84·7	84·2	84·0	83·1	83·2	84·1	84·9	85·9	86·9	87·6	88·9	89·9	90·5	91·8	91·8	91·3	91·7	90·0	87·4	85·8	84·7	83·6	82·9	86·9
13	82·9	82·4	81·9	81·4	81·5	82·6	84·7	85·0	86·7	87·7	89·6	90·2	91·1	91·6	92·0	92·5	91·9	91·9	91·3	89·3	86·9	86·0	86·6	86·1	87·2
14	85·2	85·0	84·4	82·9	82·7	83·2	85·9	88·7	89·4	90·6	91·5	92·9	93·5	94·2	94·0	94·1	93·4	92·8	89·9	87·8	86·6	86·0	85·2	85·1	88·6
15	84·3	83·4	82·6	82·1	81·8	82·9	84·1	85·9	87·8	89·4	90·6	91·8	92·6	92·9	93·3	92·5	91·9	90·5	89·4	87·8	86·3	85·0	84·5	84·1	87·4
16	84·2	84·2	84·4	84·3	84·3	84·9	85·0	86·0	88·5	91·9	93·6	97·0	97·2	97·6	97·2	97·5	96·9	95·1	92·7	90·6	89·8	88·4	87·7	86·9	90·2
17	85·4	83·9	83·1	83·3	83·3	83·4	83·9	84·7	86·2	89·1	91·9	93·8	95·7	96·2	96·2	96·0	95·2	95·1	94·2	93·1	92·3	91·1	90·4	89·4	89·8
18	87·3	87·4	86·6	86·8	86·3	86·6	87·8	90·3	92·8	94·0	95·1	95·7	95·4	94·5	93·3	93·9	93·6	93·2	93·7	91·8	91·4	91·2	89·7	89·1	**91·1**
19	88·6	87·8	86·6	86·9	86·6	87·4	87·8	88·5	91·1	91·5	91·9	92·3	93·1	92·2	92·6	91·0	91·2	91·6	90·2	88·5	87·5	87·2	87·0	86·1	89·4
20	85·8	85·2	84·7	84·6	84·2	84·4	85·0	85·2	85·1	85·6	87·1	89·0	90·6	91·7	91·6	92·1	91·3	91·6	90·5	87·7	86·1	85·1	84·1	83·3	87·2
21	82·5	82·1	81·6	81·1	81·1	83·2	84·0	85·6	87·0	88·2	88·0	90·0	89·6	89·3	91·3	90·7	90·6	89·7	90·0	86·8	85·5	84·7	84·3	83·5	86·3
22	82·4	82·1	82·5	81·9	81·1	82·5	83·9	86·2	89·2	90·7	91·5	91·6	93·3	93·2	93·6	93·9	93·2	91·3	89·8	88·6	87·7	87·3	86·7	86·6	87·9
23	86·6	86·5	86·3	86·3	86·6	87·0	87·0	88·2	89·4	90·2	90·9	91·1	90·6	91·0	91·0	91·8	91·1	90·1	89·1	87·9	87·6	86·6	85·6	84·8	88·5
24	84·9	84·7	84·5	84·6	84·5	85·1	85·2	86·6	88·0	88·8	89·9	87·8	88·8	89·5	87·5	85·5	85·2	84·7	84·9	84·8	84·4	84·1	84·7	84·5	86·0
25	84·1	84·1	84·1	84·5	84·2	84·1	84·4	85·6	87·4	86·3	88·9	89·2	89·6	89·6	90·1	92·0	90·5	89·6	89·2	87·5	86·1	83·8	83·1	82·6	86·7
26	82·4	81·7	81·2	80·8	81·9	83·9	85·7	87·4	89·1	88·6	89·1	90·0	90·4	90·0	91·1	91·7	91·9	91·0	90·0	89·1	88·2	87·2	86·3	85·6	87·2
27	85·1	85·0	84·7	84·7	85·0	85·2	85·5	86·2	87·0	87·0	87·5	87·8	87·9	87·6	87·7	87·9	87·6	87·1	86·9	86·5	86·0	86·0	85·7	85·1	86·4
28	84·9	85·0	84·1	83·9	84·5	85·0	85·7	85·7	86·7	86·9	88·0	89·1	89·5	90·1	90·0	90·3	90·5	90·2	87·8	86·8	84·8	83·4	83·0	82·6	86·7
29	82·6	82·4	82·3	82·8	83·1	84·5	85·6	86·1	86·1	87·1	86·3	88·2	88·5	87·8	87·8	89·0	87·8	86·7	86·5	86·0	85·9	86·0	85·5	85·3	85·8
30	85·3	85·6	85·7	85·9	86·1	86·4	86·6	87·1	87·9	88·8	90·0	90·1	91·0	90·7	90·4	89·7	90·1	88·7	88·0	86·9	86·0	84·8	84·1	83·5	87·5
31	83·3	83·0	82·9	82·8	84·0	85·0	86·0	86·4	87·0	87·8	88·0	89·0	89·7	90·8	89·6	88·0	90·0	87·0	85·3	85·0	84·4	83·8	83·1	82·4	86·0
Mean ...	83·1	82·8	82·4	**82·3**	82·3	83·1	84·0	85·0	86·3	87·1	88·2	88·9	89·3	**89·6**	89·5	**89·6**	89·2	88·6	87·7	86·3	85·3	84·7	84·1	83·7	85·9

407. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

June, 1925.

Day	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*				*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	82·1	81·7	81·2	81·0	81·9	83·3	83·4	85·0	86·1	87·0	87·1	87·9	89·4	90·5	90·3	88·4	88·5	90·4	87·0	85·7	85·6	84·9	83·6	82·9	85·6
2	82·0	81·1	81·0	79·9	80·2	80·5	81·9	83·5	85·3	86·9	87·8	88·4	89·4	90·5	89·9	90·1	90·1	90·8	89·8	88·8	86·9	86·6	85·1	83·9	85·8
3	82·8	81·7	80·7	80·5	80·2	82·2	84·3	86·4	87·7	88·7	90·1	90·9	91·1	91·5	92·1	92·8	92·6	92·6	91·5	89·8	88·1	87·0	85·9	84·8	87·3
4	84·1	83·3	82·8	82·5	83·7	84·2	86·0	88·0	89·6	90·3	92·1	93·1	94·3	96·1	96·3	97·1	97·6	96·9	95·8	92·3	90·3	87·8	85·5	84·7	89·8
5	84·0	83·2	82·6	82·1	83·1	85·1	86·2	89·9	92·2	94·2	95·5	96·4	96·9	97·1	96·9	96·5	95·8	95·0	94·0	92·1	91·0	89·7	89·3	88·9	90·7
6	88·2	87·8	87·4	86·7	86·4	87·8	89·8	92·1	94·1	95·6	97·4	98·2	98·1	98·7	98·9	99·1	99·0	98·3	97·2	95·9	94·9	91·5	89·4	87·7	93·4
7	87·2	86·7	86·1	86·1	86·2	86·7	87·8	89·0	90·7	92·2	93·2	94·3	94·2	95·3	94·5	94·1	94·0	92·0	90·8	89·2	87·8	86·2	85·2	84·7	89·8
8	84·4	84·4	84·1	84·1	84·4	84·6	85·5	86·2	88·1	90·1	91·8	94·1	95·6	96·2	97·1	97·1	97·3	96·5	95·7	94·5	91·6	90·1	89·0	88·0	90·4
9	87·7	86·5	85·9	85·3	85·7	86·7	87·5	89·3	91·3	93·8	95·8	98·2	99·1	99·5	99·6	99·7	99·2	98·4	97·3	95·2	93·9	92·7	91·9	91·0	92·9
10	90·2	89·3	88·8	87·8	88·2	89·1	91·0	93·2	95·1	96·2	97·2	98·0	98·8	99·4	99·5	99·4	99·3	98·6	97·5	95·0	92·6	91·1	90·2	88·1	94·0
11	87·0	86·6	85·3	85·0	86·0	87·6	90·2	92·8	95·2	96·7	98·3	99·7	00·5	00·9	01·4	01·4	01·4	01·1	00·7	96·9	93·8	92·1	90·5	89·5	**94·2**
12	88·7	88·4	87·4	87·1	87·2	88·4	90·0	91·8	94·0	95·0	96·3	98·0	99·1	00·0	00·0	00·0	98·2	96·6	96·4	94·3	93·2	92·1	91·5	90·7	93·5
13	89·2	89·6	89·3	89·1	88·0	88·0	89·0	89·7	90·5	91·9	93·2	94·2	95·1	95·4	96·1	96·5	96·1	95·2	94·5	93·1	92·0	90·8	89·4	88·6	91·9
14	88·6	88·6	88·5	88·3	88·0	88·0	88·2	88·5	89·0	88·8	89·5	89·8	90·7	91·3	92·3	93·0	93·5	93·0	92·6	90·7	89·7	88·5	87·4	86·8	89·8
15	86·1	86·3	86·0	85·5	86·0	87·2	88·4	90·2	92·4	93·6	94·6	95·9	97·1	98·1	98·6	99·2	99·1	99·4	99·1	96·1	94·0	92·8	92·0	91·0	92·8
16	90·1	89·5	88·9	88·3	89·2	89·0	90·2	92·3	93·7	94·1	95·0	95·6	96·2	97·6	96·6	96·2	96·2	95·2	94·2	93·1	92·0	91·0	89·9	88·5	92·7
17	88·1	87·1	86·9	86·7	86·7	87·1	87·4	87·7	87·0	88·0	89·2	89·8	89·8	90·5	90·2	91·5	91·3	90·8	90·2	89·7	88·2	86·7	86·1	84·9	88·5
18	84·6	84·2	83·2	82·4	83·1	84·3	85·0	86·2	86·8	87·5	88·8	89·4	89·9	90·1	90·5	90·2	90·6	90·3	89·6	88·6	87·3	86·2	85·2	83·7	87·0
19	82·8	82·2	81·4	80·6	81·3	82·9	84·8	86·7	88·2	89·2	90·5	91·0	91·9	92·5	93·3	94·0	94·4	93·5	93·5	91·0	89·3	89·9	89·3	88·9	88·4
20	88·2	87·5	86·7	85·8	85·9	86·6	87·2	87·6	88·6	89·9	91·1	91·7	92·6	93·8	93·3	94·1	94·4	93·9	93·5	91·7	90·1	89·2	88·4	87·1	90·0
21	87·0	86·2	85·9	85·3	85·3	85·8	87·1	87·7	88·4	88·8	89·6	89·4	90·2	91·3	92·0	92·1	90·3	90·1	88·6	87·6	87·2	86·9	86·7	86·5	88·2
22	86·2	85·9	85·3	85·0	84·6	84·8	84·5	85·2	85·2	85·6	85·5	85·8	86·8	86·9	86·7	86·8	86·8	86·6	86·5	86·3	86·2	85·9	85·5	85·4	85·9
23	85·2	85·0	84·4	84·5	84·7	84·7	84·7	84·2	84·7	85·0	85·5	85·9	86·9	87·1	88·0	88·8	89·0	88·1	87·3	86·2	85·8	85·6	85·0	84·4	85·9
24	84·2	84·0	83·3	83·2	83·2	83·4	84·1	84·2	84·2	84·5	84·2	84·3	84·5	84·1	84·4	84·8	85·0	84·6	84·2	84·2	84·4	84·1	84·0	84·0	**84·1**
25	83·6	83·2	83·0	82·7	82·3	82·4	82·6	83·0	83·5	84·2	86·4	88·1	89·1	90·1	90·9	90·9	90·3	89·4	87·9	86·0	85·0	84·8	84·9	84·8	85·8
26	84·4	84·2	84·2	84·3	84·3	84·7	85·1	86·2	86·7	87·2	87·3	87·6	87·8	88·0	88·0	87·6	86·9	85·8	86·1	86·0	85·0	84·6	83·8	83·1	85·8
27	82·4	82·2	82·2	82·5	82·8	83·1	83·3	83·9	84·3	84·6	84·9	86·4	86·9	86·1	86·3	86·7	86·9	86·1	85·4	84·9	84·6	84·0	83·9	83·9	84·5
28	83·7	83·6	83·4	83·0	83·2	83·9	84·5	85·2	86·1	87·0	87·3	88·1	89·1	89·9	90·2	91·4	91·9	93·0	90·5	89·0	87·2	85·0	84·2	83·4	86·8
29	82·2	82·0	80·5	80·1	80·0	83·0	85·2	88·0	90·0	92·2	93·6	94·8	95·9	96·4	96·1	96·1	95·3	94·2	92·7	91·0	89·2	87·0	85·8	84·7	89·0
30	84·7	83·6	82·6	82·2	82·9	85·0	86·7	89·1	90·9	92·3	93·8	94·6	95·9	96·8	96·5	96·5	95·6	94·7	93·5	91·1	89·9	88·2	87·6	86·2	90·0
Mean ...	85·7	85·2	84·6	**84·3**	84·5	85·3	86·4	87·8	89·0	90·0	91·1	92·0	92·8	93·4	93·5	**93·7**	93·5	93·0	92·1	90·5	89·2	88·1	87·2	86·4	89·1
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

408. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulb above the ground) = 3·0 metres.

July, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	86·1	85·5	84·7	84·2	83·2	84·6	87·1	89·3	91·7	93·6	94·8	95·6	96·9	97·0	97·8	97·3	97·1	96·2	94·2	92·1	90·7	89·7	89·0	88·4	91·1
2	88·0	87·3	87·3	87·9	88·0	88·4	89·1	89·7	91·8	93·6	96·8	98·5	98·1	98·5	98·8	97·1	96·7	95·1	93·3	92·6	91·8	90·9	90·4	89·8	92·5
3	89·2	88·8	87·8	88·2	88·3	88·7	89·1	89·4	90·8	92·2	92·2	92·4	93·2	93·6	94·4	94·4	94·8	94·7	94·1	92·2	91·3	90·1	88·9	87·6	91·1
4	87·4	87·2	87·2	87·5	87·2	87·2	87·1	87·5	88·3	89·5	90·1	90·1	90·6	90·5	90·9	91·0	91·3	91·1	91·1	90·3	89·9	88·5	87·4	86·5	89·0
5	86·4	86·0	85·2	86·5	86·9	87·2	87·9	86·5	86·8	88·3	89·2	89·6	91·3	92·7	94·5	93·8	94·0	94·1	94·6	92·5	90·0	89·4	88·6	87·4	89·5
6	87·2	87·1	86·6	86·0	86·5	88·0	89·2	90·5	92·4	93·6	94·6	95·8	96·1	96·8	96·1	95·2	93·7	93·2	92·4	90·9	90·7	90·6	89·8	89·3	91·3
7	88·9	88·3	87·9	88·2	88·1	88·0	87·5	87·5	88·2	89·6	91·1	92·1	91·2	92·0	92·1	91·1	91·1	92·1	91·1	89·9	89·1	88·1	86·7	85·7	89·5
8	84·5	83·1	82·6	83·0	83·1	84·3	86·2	87·4	88·6	89·6	90·4	90·7	90·8	90·6	90·6	91·3	91·3	90·7	90·2	89·2	88·4	87·7	87·0	86·7	87·8
9	86·2	85·5	84·7	84·0	84·2	85·1	86·5	87·5	88·4	89·5	90·3	91·1	91·7	90·5	90·4	91·1	91·2	91·4	90·2	89·4	88·4	87·7	86·9	86·8	88·3
10	86·4	85·8	85·4	85·2	85·8	87·1	88·0	89·2	89·1	88·8	89·3	90·1	92·1	91·9	92·0	93·4	94·0	93·5	93·4	92·1	90·2	89·1	87·9	87·0	89·4
11	85·6	85·5	84·5	83·4	84·2	86·1	87·6	89·0	90·2	91·2	93·0	94·3	95·2	96·2	96·1	96·8	96·6	97·2	96·8	95·6	94·6	93·1	90·6	90·2	91·3
12	89·7	89·4	88·7	87·5	87·6	88·1	89·0	91·0	93·0	94·7	96·4	97·7	98·0	97·8	97·3	97·4	97·6	95·9	95·6	93·9	92·0	90·2	89·6	88·8	92·8
13	88·1	87·3	87·0	86·7	86·9	89·3	90·7	91·6	93·1	94·2	95·2	96·1	96·8	97·0	97·6	97·6	97·2	96·7	94·5	92·1	90·6	89·2	88·4	87·6	92·2
14	86·7	85·9	86·0	85·8	85·8	87·1	89·7	91·2	93·2	94·5	96·4	97·3	98·2	98·7	00·0	00·2	00·3	99·9	98·5	96·1	94·0	91·5	90·0	88·8	93·1
15	88·1	87·5	87·3	87·0	86·8	88·1	89·3	90·9	93·3	94·6	97·0	98·0	98·5	99·5	00·0	99·9	98·9	97·5	97·0	95·7	94·7	94·0	92·4	91·1	93·6
16	89·3	89·4	88·3	88·3	88·1	88·7	90·0	92·0	94·5	95·8	98·0	98·0	97·1	97·3	97·9	97·8	96·9	96·4	95·0	93·7	92·8	92·0	91·3	90·8	93·3
17	90·1	89·5	89·4	89·0	89·0	89·4	90·0	91·0	92·2	94·0	94·9	95·2	96·2	96·2	97·3	97·1	97·4	95·1	94·6	92·6	91·4	90·3	90·1	89·7	92·6
18	88·6	88·3	87·7	88·1	88·9	88·8	89·1	90·1	90·7	91·3	92·6	93·9	94·9	95·2	95·6	95·7	94·3	95·0	94·0	91·2	89·2	88·2	86·2	85·8	91·1
19	85·0	85·5	85·4	85·1	85·8	87·9	86·0	86·1	88·3	91·0	92·2	92·6	93·9	94·1	94·1	94·7	93·0	94·2	93·3	91·0	89·2	89·5	89·6	88·9	89·8
20	88·4	89·0	89·1	89·5	89·5	89·4	89·0	89·5	89·9	90·4	91·3	91·6	93·2	94·8	96·1	95·2	92·7	92·8	92·7	91·3	90·5	90·2	89·8	90·4	91·1
21	90·8	90·2	90·1	90·1	90·1	90·2	91·2	91·7	92·2	93·7	95·3	97·2	97·2	98·1	00·1	99·5	99·4	98·6	97·5	95·3	94·7	94·2	93·9	93·4	94·3
22	93·0	91·6	91·7	91·7	91·7	92·1	92·7	94·6	96·6	98·7	00·0	02·0	03·3	02·7	02·2	00·4	98·3	93·6	92·4	91·8	92·0	91·9	90·1	90·4	**95·3**
23	90·4	90·3	90·6	90·6	90·4	90·3	90·2	91·1	92·0	92·7	93·6	94·0	93·9	94·1	93·3	93·6	93·3	92·9	92·1	91·7	91·7	91·1	91·0	90·7	91·9
24	89·7	88·5	88·1	88·2	87·9	88·7	89·7	91·8	93·2	94·4	95·3	96·1	97·7	96·1	96·8	95·4	96·0	97·0	96·9	95·0	92·2	91·8	90·9	90·5	92·8
25	89·8	89·6	89·6	89·4	89·7	90·0	90·3	90·9	91·9	93·1	95·0	95·7	97·0	98·1	98·8	99·9	99·9	00·7	99·1	96·2	94·5	93·1	91·8	91·6	94·0
26	91·0	90·8	90·8	90·8	88·1	88·7	87·3	88·2	87·7	88·0	89·4	89·8	91·1	91·4	91·8	92·7	91·4	91·2	90·8	88·2	87·0	86 0	85·7	85·6	89·4
27	85·0	86·2	85·6	85·3	85·9	86·7	86·4	87·6	87·6	88·2	89·9	90·2	89·6	88·5	87·4	87·0	88·4	87·7	85·9	85·4	85·4	85·3	85·7	85·6	**87·0**
28	85·6	85·4	85·9	86·2	86·4	87·0	87·0	87·5	88·3	88·4	88·1	88·6	89·1	89·6	90·8	91·0	91·6	91·1	90·0	88·2	87·0	86·2	85·1	84·9	87·9
29	84·4	84·0	83·9	84·0	84·6	87·1	88·5	89·2	89·8	89·9	89·3	90·0	90·0	90·1	90·8	90·9	92·1	92·1	91·3	90·5	90·1	89·3	88·6	88·4	88·6
30	88·1	88·6	88·4	87·7	87·6	87·8	88·1	89·4	89·8	90·9	89·8	91·5	91·1	91·2	92·9	93·1	91·3	90·1	90·0	88·7	87·6	87·0	85·9	85·3	89·3
31	85·1	84·4	84·6	84·6	85·0	85·6	86·1	86·5	87·0	86·7	87·3	87·5	88·0	88·8	90·1	90·5	91·5	91·7	92·0	90·0	89·4	88·8	88·0	87·7	87·7
Mean ...	87·8	87·5	87·2	**87·1**	87·1	87·9	88·6	89·5	90·7	91·8	92·9	93·7	94·3	94·5	**95·0**	94·9	94·7	94·2	93·4	91·8	90·7	89·8	88·9	88·4	90·9

409. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

August, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	87·5	87·0	86·6	86·2	85·8	86·0	87·4	88·5	88·9	90·0	90·1	90·5	89·7	91·5	91·2	91·6	90·9	89·9	89·6	88·4	87·2	86·6	86·1	85·6	88·5
2	85·0	84·6	84·3	84·2	84·1	84·5	85·3	86·2	87·3	88·1	88·6	88·5	89·7	89·6	89·5	89·5	89·5	90·1	89·7	88·2	86·9	85·9	85·0	84·1	**87·0**
3	83·6	83·3	83·0	82·5	82·6	84·0	85·8	87·5	89·7	90·2	90·7	91·4	91·4	92·1	92·4	93·3	92·0	90·9	90·0	89·2	88·2	87·4	86·6	85·6	88·0
4	85·1	84·9	85·1	85·8	85·8	86·3	86·5	87·3	87·8	88·6	88·5	88·0	88·2	88·3	87·7	88·4	88·8	87·9	87·4	87·0	87·0	86·9	86·8	86·5	87·1
5	86·3	86·4	86·6	86·7	86·8	86·9	87·3	88·1	89·5	90·6	91·5	92·0	92·2	93·3	93·8	94·0	94·7	94·0	93·9	91·4	89·8	89·0	88·5	88·2	90·0
6	88·1	87·6	87·3	87·1	86·1	86·9	89·3	90·9	92·1	91·8	91·1	91·4	91·7	92·4	92·3	92·7	91·9	91·6	92·6	90·2	90·0	89·5	89·0	88·0	90·1
7	87·8	87·9	87·0	86·0	85·6	85·7	86·5	87·2	88·6	90·2	91·6	92·7	93·0	94·1	94·5	94·5	94·0	94·1	92·7	90·0	88·5	87·3	86·1	85·7	89·7
8	85·1	84·6	84·5	84·2	85·0	86·9	88·0	89·6	91·9	92·8	93·3	93·4	93·4	93·6	94·7	95·1	94·9	93·9	92·3	90·9	90·1	89·7	89·8	89·7	90·2
9	89·7	89·7	90·4	90·3	90·3	91·1	91·4	92·8	93·6	93·7	93·7	94·6	94·7	96·1	95·2	94·3	93·4	92·7	92·0	91·0	90·6	90·1	89·4	89·1	92·1
10	89·2	88·4	88·2	88·1	88·3	89·0	89·8	90·8	90·7	91·1	91·8	91·4	91·0	91·1	90·9	90·9	90·1	89·5	90·0	89·5	88·9	88·0	87·4	87·2	89·7
11	87·0	87·4	86·2	86·0	85·4	86·6	87·9	88·6	89·9	89·6	91·2	88·8	89·5	90·8	92·0	93·7	93·0	88·4	89·5	87·5	87·1	86·5	85·8	84·9	88·5
12	84·0	83·9	84·2	84·7	85·1	86·2	87·9	89·6	89·8	89·6	90·1	90·1	90·1	89·9	90·0	89·6	89·5	89·7	89·5	89·4	89·2	89·5	89·1	88·9	88·2
13	88·9	88·6	88·5	88·1	88·2	88·8	89·2	88·9	89·7	90·6	91·0	91·5	92·0	92·1	92·0	91·9	91·5	91·2	91·0	90·1	88·6	87·4	86·6	87·2	89·8
14	86·8	86·8	86·1	86·4	86·6	86·7	87·1	88·4	90·7	92·2	93·3	93·6	93·8	94·1	94·4	94·5	93·3	91·6	90·0	89·6	89·2	88·9	88·7	88·5	90·0
15	88·3	87·7	87·3	86·8	85·9	86·0	87·1	88·0	88·7	89·5	90·1	90·2	90·8	91·7	92·0	92·1	92·2	91·7	91·1	89·1	87·0	86·1	85·3	85·5	88·8
16	85·3	85·0	84·8	84·5	84·0	84·2	85·2	87·3	89·6	91·8	93·1	94·1	94·8	95·5	96·1	96·5	96·5	97·1	94·2	91·3	88·3	87·2	87·0	86·6	90·0
17	86·7	85·3	84·2	84·9	83·1	84·6	86·1	88·1	90·5	92·9	94·0	95·4	96·6	97·0	98·0	98·1	97·5	96·8	95·0	92·2	90·3	89·5	88·4	87·8	90·9
18	87·2	87·0	86·8	88·5	88·2	88·9	89·0	89·5	90·2	90·9	92·0	93·1	92·9	93·0	92·7	92·1	91·3	90·6	90·0	89·9	89·8	89·5	89·2	89·1	90·0
19	89·0	89·0	88·9	88·0	87·4	87·4	87·5	88·1	88·7	88·8	89·0	88·6	88·5	88·7	89·4	89·2	89·2	89·1	89·1	89·0	89·1	89·0	88·9	88·8	88·7
20	88·7	88·3	88·2	88·0	87·7	87·8	88·3	89·0	89·7	90·4	90·1	90·5	91·1	91·1	92·3	92·2	92·4	91·6	90·9	90·4	89·5	89·1	87·7	88·0	89·7
21	88·1	88·2	88·0	88·2	87·8	88·0	88·4	89·1	90·0	91·1	90·6	90·0	91·0	91·8	91·9	91·4	90·8	90·1	89·7	89·0	87·3	86·0	86·6	86·6	89·2
22	86·8	86·3	86·0	86·5	85·7	86·2	87·4	89·4	90·2	90·1	91·9	92·2	91·3	89·1	88·2	89·6	89·5	89·6	89·2	88·3	87·4	87·1	86·4	86·1	88·4
23	85·5	84·3	85·6	85·7	85·1	85·1	85·9	86·6	88·6	89·5	90·0	92·6	91·4	91·7	91·0	90·6	90·1	89·6	88·9	88·8	88·5	88·1	87·7	87·7	88·2
24	87·8	87·9	88·0	87·8	87·7	87·6	87·6	87·7	87·7	88·6	89·1	89·6	90·1	90·1	89·9	90·4	90·1	90·0	89·2	88·6	87·4	87·2	86·9	86·6	88·5
25	86·2	86·1	86·6	86·6	86·4	86·5	87·3	87·8	88·4	89·4	89·3	88·6	88·6	88·9	88·2	88·1	88·2	88·4	88·2	88·0	87·2	85·9	85·1	84·0	87·5
26	84·2	83·5	83·1	83·2	81·6	81·8	83·0	85·2	87·6	89·2	90·3	91·1	92·0	91·6	90·8	90·3	90·0	89·7	89·6	89·3	88·7	89·1	89·2	89·4	87·5
27	89·5	89·6	89·6	89·6	89·7	89·7	89·6	89·9	90·3	90·4	91·1	92·0	93·2	94·2	93·8	94·3	93·1	92·2	91·1	89·7	89·3	89·0	88·3	87·5	90·7
28	87·2	87·0	86·7	86·6	86·6	87·0	87·8	88·6	89·5	90·5	91·8	92·8	94·0	93·9	94·3	94·1	94·5	94·2	92·0	90·5	90·0	89·5	89·5	89·2	90·3
29	89·7	89·8	89·5	89·5	89·5	89·7	90·0	90·6	91·2	92·1	92·9	94·0	93·6	94·2	95·1	94·3	93·9	92·2	90·7	89·1	87·6	86·7	85·6	85·1	90·8
30	84·6	84·2	83·3	83·1	82·7	82·7	84·1	85·6	87·1	88·1	89·1	89·7	90·4	91·4	92·0	92·1	91·7	91·0	90·2	89·9	89·5	88·7	87·6	87·2	87·7
31	87·6	87·7	88·1	88·8	89·0	89·2	90·0	90·8	92·0	92·6	94·1	95·6	96·5	96·8	98·1	98·1	97·1	96·3	94·6	92·9	91·6	90·5	89·2	89·0	**92·3**
Mean ...	87·0	86·7	86·5	86·5	**86·3**	86·7	87·5	88·6	89·7	90·5	91·1	91·5	91·9	92·2	92·4	**92·5**	92·1	91·5	90·8	89·6	88·7	88·1	87·5	87·2	89·3
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

*r

Readings in degrees absolute at exact hours, Greenwich Mean Time.

410. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulb above the ground)=3·0 metres.

September, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	89·1	89·0	89·0	88·7	88·4	89·5	90·1	90·5	90·9	91·1	91·8	91·9	92·3	91·8	92·0	92·0	89·0	87·3	87·0	86·8	86·7	86·0	84·9	84·2	89·3
2	84·1	84·3	83·6	83·4	83·0	83·0	84·0	85·4	86·6	87·2	88·2	89·0	89·3	89·7	90·2	90·1	90·1	89·2	88·0	87·4	86·9	87·1	86·9	87·0	86·8
3	86·7	86·6	86·6	85·7	86·0	86·0	86·0	85·2	86·3	87·8	88·9	87·9	88·9	89·4	89·7	89·4	88·3	88·3	86·3	85·3	84·3	83·4	82·6	81·9	86·7
4	81·2	80·8	80·6	80·6	80·9	81·7	82·2	82·7	83·3	84·9	85·9	86·2	86·3	86·5	86·7	83·8	85·2	85·0	84·0	82·7	81·5	81·0	80·2	79·5	83·1
5	79·2	79·2	79·2	79·2	78·7	78·6	79·9	82·3	83·8	85·3	86·1	86·4	86·2	85·2	84·3	84·2	84·7	85·0	85·1	85·2	84·9	84·2	84·0	82·4	**83·0**
6	81·5	81·5	81·7	81·1	81·0	81·6	82·0	82·7	84·2	85·1	85·3	86·5	86·0	87·3	87·7	87·9	87·6	86·8	85·9	85·4	84·4	83·5	82·4	81·6	84·2
7	81·2	80·6	79·9	80·5	80·6	80·4	81·8	82·6	83·8	85·2	85·7	86·5	87·0	87·2	87·5	87·6	87·0	86·5	85·8	85·3	85·0	84·5	84·2	84·1	84·1
8	84·1	84·1	84·0	84·0	83·8	83·8	83·8	84·3	85·7	87·0	88·0	88·9	88·1	87·6	88·2	87·1	87·2	86·8	85·5	84·9	84·2	83·6	83·3	83·0	85·5
9	82·8	82·6	82·8	83·2	83·4	83·3	84·0	84·6	85·9	86·5	86·6	87·0	86·9	86·9	87·3	86·8	87·4	87·2	86·1	84·5	83·4	83·0	82·2	81·5	84·9
10	81·0	81·3	81·9	81·0	80·6	80·0	80·6	81·8	83·0	83·1	84·6	86·3	86·3	87·0	87·0	86·7	86·4	85·4	84·3	83·6	83·3	83·6	82·4	82·0	83·5
11	82·1	82·5	82·7	83·0	83·4	83·6	84·2	84·7	85·2	86·2	87·7	88·1	85·3	86·7	86·3	85·8	84·6	84·7	84·1	83·1	82·5	81·5	81·2	80·8	84·2
12	80·4	79·5	79·6	78·8	78·7	78·7	79·7	81·3	83·6	85·0	86·0	86·3	86·8	87·8	87·7	87·2	87·2	86·3	85·2	84·1	83·2	82·3	82·0	81·6	83·3
13	80·9	79·2	79·3	78·7	78·3	78·2	78·5	80·3	82·5	85·0	87·0	87·8	88·4	89·0	88·5	88·8	89·0	88·1	83·7	82·0	80·9	80·6	79·3	80·2	83·1
14	79·1	78·1	78·3	78·8	78·6	78·1	78·9	80·6	83·2	85·8	87·8	88·8	90·0	90·3	90·9	90·5	90·2	88·0	86·0	83·0	82·2	81·6	80·4	81·0	83·7
15	79·3	79·2	78·2	78·5	79·5	80·0	81·3	84·8	87·3	88·6	89·6	90·1	90·7	90·7	90·7	90·2	89·5	87·3	86·2	85·9	85·2	86·2	86·2	86·4	85·4
16	86·5	86·4	86·2	86·3	86·1	86·2	86·5	87·5	88·4	90·1	89·7	89·0	89·0	89·1	89·5	89·3	89·6	88·9	88·0	87·1	85·9	84·9	84·1	84·0	87·5
17	83·2	83·0	82·9	82·8	82·5	82·5	83·0	83·6	85·4	87·5	88·8	89·8	90·2	90·1	89·8	89·4	89·0	88·0	86·9	86·7	87·0	87·1	87·5	87·9	86·4
18	87·8	87·5	87·1	86·8	85·1	84·1	84·2	85·3	86·2	87·4	88·1	89·4	89·6	89·7	89·8	89·9	89·7	87·2	84·4	83·2	82·5	82·3	81·6	81·0	86·4
19	80·7	80·6	80·6	81·1	80·8	81·0	82·0	83·3	84·2	85·3	86·3	87·4	87·2	88·1	89·2	89·9	89·6	88·6	86·4	85·1	84·6	84·2	85·3	86·3	84·8
20	85·1	84·3	84·1	84·0	83·7	83·5	84·1	85·8	86·8	88·2	89·0	87·2	87·1	87·2	86·8	87·1	86·8	86·1	85·9	85·9	84·2	83·8	83·2	83·1	85·6
21	82·6	81·9	81·5	81·0	81·0	81·3	83·0	84·0	85·9	85·8	87·1	87·9	86·9	86·1	87·1	86·1	87·1	85·9	84·7	84·2	83·5	83·1	82·8	82·2	84·3
22	81·7	81·0	81·0	82·0	83·1	83·8	84·2	84·6	85·2	86·1	87·0	87·8	87·4	88·0	88·9	88·6	89·0	86·9	86·1	85·9	85·8	86·3	85·7	86·1	85·4
23	86·1	86·1	85·6	84·5	84·3	84·7	84·8	85·1	85·6	86·1	86·6	87·0	85·6	86·1	86·8	87·5	87·0	84·1	83·5	82·9	82·1	81·5	80·9	80·5	84·9
24	80·2	79·7	80·1	80·1	81·0	81·1	81·1	82·1	83·8	84·8	85·3	85·9	86·5	86·7	87·4	86·2	85·7	84·9	84·2	83·6	82·4	81·6	81·1	80·8	83·2
25	80·5	79·8	78·8	78·3	77·2	78·7	79·4	80·9	82·4	85·3	86·5	87·1	88·4	88·4	87·5	86·9	86·0	84·6	84·3	84·3	84·2	84·3	84·7	84·9	83·4
26	85·1	85·2	85·3	85·1	84·5	83·6	83·3	83·2	84·2	85·1	85·6	86·3	86·5	86·7	85·2	84·8	84·7	84·6	83·6	83·1	82·8	82·2	82·1	82·7	84·4
27	82·8	82·2	82·2	81·8	81·9	81·3	81·3	82·8	84·8	85·6	86·3	86·5	87·4	87·4	88·1	87·3	86·2	85·2	84·1	81·6	81·9	81·2	80·5	80·3	83·8
28	80·1	79·9	79·3	79·5	79·9	80·1	80·4	81·3	82·9	84·3	85·2	87·1	87·1	87·3	87·5	87·1	86·7	86·5	86·2	86·0	85·6	85·7	85·7	85·7	83·9
29	85·7	85·8	85·9	85·9	86·1	86·3	86·5	87·2	87·8	88·8	89·3	89·9	90·1	90·0	90·1	90·0	89·6	89·2	89·0	88·8	88·7	88·5	88·3	88·2	88·1
30	88·1	88·0	87·9	87·9	87·7	87·5	87·6	88·9	89·8	91·1	91·8	92·2	92·4	92·7	92·9	92·5	91·9	91·5	90·3	89·6	89·3	89·6	89·1	89·0	**90·0**
Mean ...	83·0	82·7	82·5	82·4	**82·3**	82·4	82·9	84·0	85·3	86·5	87·4	87·9	88·0	88·2	**88·4**	88·0	87·7	86·8	85·7	84·9	84·3	83·9	83·5	83·3	85·1

411. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

October, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	89·5	88·6	87·7	86·1	87·2	87·2	87·6	88·2	89·4	90·2	90·3	91·6	92·2	92·7	92·9	91·1	90·1	89·7	89·3	88·8	88·2	88·1	87·9	87·7	**89·3**
2	87·1	87·3	86·8	86·4	86·1	86·0	86·2	86·4	86·8	86·6	86·7	86·8	87·3	87·4	87·4	87·4	87·3	87·2	86·6	86·4	86·4	86·2	86·0	85·8	86·7
3	85·6	84·8	84·5	84·4	84·2	83·4	83·0	83·3	83·8	85·1	87·1	89·0	90·7	91·7	91·9	92·4	91·5	89·0	87·4	86·5	86·9	87·1	87·3	87·3	87·0
4	87·5	88·2	88·1	88·0	88·0	88·1	88·2	88·9	89·9	90·5	91·4	91·9	91·9	91·3	90·6	90·4	89·9	88·6	88·3	88·2	88·0	87·6	87·5	87·3	89·1
5	87·1	87·0	86·9	86·6	86·6	85·3	84·5	85·3	87·0	88·2	89·3	90·0	90·5	90·6	90·9	90·6	89·4	87·7	86·2	85·8	84·8	83·9	82·8	82·7	87·2
6	81·4	80·8	80·2	80·0	80·1	80·2	80·1	80·2	81·6	84·1	87·1	89·1	90·2	90·8	91·3	91·2	88·4	87·0	86·3	86·1	85·4	85·2	84·2	83·0	84·7
7	82·7	83·5	82·8	82·6	82·9	82·3	81·8	82·3	83·4	84·6	87·1	89·3	90·2	89·7	88·2	87·4	86·7	86·3	85·6	85·4	85·0	85·6	84·1	83·8	85·1
8	83·6	83·3	83·1	82·9	82·6	81·2	80·2	81·3	82·5	83·1	83·1	83·2	84·2	84·3	83·8	83·8	83·2	82·3	81·6	81·5	80·6	79·9	79·2	78·6	82·3
9	78·3	77·9	77·7	77·6	77·5	77·1	77·2	79·1	82·1	83·6	84·9	85·2	85·7	85·8	85·9	84·7	84·3	83·7	82·4	81·7	81·1	80·6	80·0	79·2	81·4
10	78·3	77·4	76·7	75·8	77·3	78·1	78·2	79·5	81·0	82·4	84·0	84·9	85·2	85·2	84·9	84·0	82·3	80·6	78·8	78·1	76·9	75·6	77·5	76·8	80·0
11	76·1	75·7	75·2	75·2	75·7	76·2	75·9	77·1	78·0	79·3	80·0	82·8	85·1	84·5	86·1	86·1	85·4	84·2	84·0	82·4	80·9	80·0	79·6	80·2	80·2
12	80·1	80·2	80·2	79·9	79·6	80·0	80·0	80·7	81·6	82·2	84·3	85·6	86·2	86·2	86·3	86·0	85·4	85·1	84·9	84·7	84·5	83·8	83·6	83·4	83·0
13	83·2	83·4	83·4	83·3	83·5	83·5	83·4	83·4	83·6	84·1	85·2	85·9	86·5	86·7	86·5	85·9	83·1	82·6	82·1	81·6	80·7	79·8	78·6	77·7	83·4
14	77·4	77·2	77·3	77·0	76·2	75·2	74·7	75·7	77·6	79·3	79·9	80·9	81·5	81·8	81·8	81·8	80·7	79·9	79·5	78·8	78·1	77·2	76·0	75·6	**78·4**
15	75·4	74·9	74·5	74·5	74·2	73·9	74·4	75·3	77·2	79·9	81·3	82·4	83·5	84·0	84·0	83·3	82·2	81·1	80·8	80·4	80·1	80·2	80·2	80·0	79·0
16	80·0	80·1	80·2	80·7	80·9	80·0	79·9	79·4	79·2	79·1	79·6	80·3	80·4	80·5	80·8	80·7	80·7	80·7	80·9	81·0	81·1	81·1	81·1	81·1	80·4
17	81·1	81·0	81·1	81·2	81·4	81·4	81·7	82·5	83·6	85·2	87·3	88·7	89·9	90·6	90·2	89·7	88·7	87·4	86·8	86·1	86·1	86·1	85·9	85·8	85·3
18	85·8	85·7	85·4	85·3	85·4	85·5	85·8	85·3	85·1	84·9	85·4	85·9	86·4	86·3	86·0	85·7	84·9	84·4	84·2	83·5	83·8	82·9	82·2	81·5	85·0
19	80·9	80·5	79·4	78·4	77·9	78·0	77·6	77·9	79·4	80·4	80·4	81·4	82·4	82·9	82·8	82·4	81·4	80·9	80·5	80·7	80·7	80·8	81·1	81·7	80·4
20	81·7	81·9	82·2	82·1	82·1	82·5	83·1	83·9	84·9	87·4	88·2	88·9	88·9	88·9	88·9	88·9	88·9	89·0	89·1	89·3	89·3	89·3	89·3	89·3	86·4
21	89·0	88·9	88·9	88·8	88·7	88·7	88·8	88·6	88·4	88·8	90·0	90·2	90·5	90·3	89·6	89·6	89·4	89·1	88·6	88·5	88·4	88·1	88·0	87·9	89·0
22	87·8	87·8	87·7	86·9	87·1	87·7	87·2	87·0	87·6	87·8	89·2	89·8	89·3	88·7	88·0	87·0	87·5	87·8	88·0	87·5	87·1	87·0	86·8	86·5	87·7
23	86·2	85·7	85·4	85·1	84·8	84·9	84·9	85·7	86·2	86·5	86·9	87·9	88·1	88·5	85·9	86·8	85·8	85·0	85·0	84·6	84·1	83·5	82·5	82·4	85·6
24	81·9	81·8	81·5	81·8	81·9	82·1	81·9	82·4	83·6	85·2	86·0	86·3	87·3	86·9	86·8	84·3	83·3	82·2	80·9	81·1	80·9	80·7	80·6	79·7	83·0
25	77·9	78·2	77·8	75·8	75·4	75·1	75·6	75·9	77·8	80·0	82·4	84·0	85·4	85·9	86·4	85·9	84·3	82·5	82·0	81·7	81·6	81·1	80·7	80·8	80·6
26	80·9	81·2	81·5	82·4	82·9	83·7	83·9	84·4	84·9	85·5	86·0	85·0	85·5	85·8	86·0	86·4	87·0	87·3	86·6	86·1	86·1	85·6	85·0	85·0	84·7
27	85·2	84·9	85·0	85·0	84·9	85·1	85·3	85·2	85·5	86·6	87·3	87·4	87·5	87·5	87·4	87·0	86·0	85·5	85·5	84·9	84·4	83·9	83·0	82·7	85·6
28	82·2	81·7	81·0	80·5	80·1	79·9	79·6	80·1	81·8	83·4	85·3	86·1	86·8	86·6	86·3	85·8	84·7	83·7	83·2	82·7	83·3	83·3	84·0	84·5	83·2
29	84·6	84·8	85·1	85·3	85·5	85·5	85·8	85·9	86·2	86·5	86·6	87·4	87·2	86·8	86·0	85·7	85·3	85·1	84·9	84·7	84·1	83·7	83·6	83·5	85·4
30	83·1	83·1	82·8	83·1	82·7	82·6	83·2	84·1	84·8	85·3	86·0	87·6	88·5	88·4	88·5	88·0	86·7	86·0	85·0	84·5	84·6	84·5	84·8	85·3	85·2
31	85·1	84·5	84·2	84·7	84·4	84·1	84·0	84·4	84·9	85·4	85·7	86·4	86·5	86·9	87·5	87·3	86·7	86·3	85·8	85·7	84·8	84·2	83·8	84·2	85·3
Mean ...	82·8	82·7	82·4	82·2	82·2	82·1	**82·1**	82·6	83·5	84·5	85·6	86·5	87·1	**87·2**	87·1	86·7	85·9	85·1	84·5	84·2	83·8	83·4	83·1	82·9	84·2
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

412. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulb above the ground) $= 3·0$ metres.

November, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	84·3	84·2	84·4	84·6	84·6	84·8	84·7	84·3	84·9	85·7	86·4	87·0	86·9	87·1	86·6	86·4	85·8	86·0	85·7	85·1	83·7	84·0	84·1	84·6	85·2
2	85·0	84·8	84·8	85·3	84·8	83·7	82·7	83·0	84·4	86·2	86·7	87·6	87·7	87·7	87·2	86·7	86·0	85·3	85·2	85·2	85·2	85·2	85·4	85·7	85·5
3	85·6	85·4	84·7	84·7	84·7	85·7	86·9	87·6	87·8	88·2	88·2	88·3	88·3	88·5	88·5	87·9	86·9	86·6	85·9	85·9	85·0	84·1	83·5	83·0	**86·4**
4	82·5	82·4	81·7	81·3	80·8	80·7	80·1	80·0	81·5	82·7	84·1	85·2	85·9	85·9	86·2	85·6	85·1	84·6	84·2	83·8	82·6	82·6	82·2	82·1	83·1
5	81·9	81·7	81·8	82·1	82·0	81·6	81·2	81·7	82·1	82·9	82·8	82·9	82·8	83·3	83·4	83·3	82·9	82·6	82·0	81·8	81·3	80·9	80·3	79·8	82·1
6	79·4	78·9	78·8	79·0	78·8	78·7	78·6	78·6	79·6	80·5	81·9	82·7	83·3	84·1	83·6	83·3	81·9	80·6	79·7	79·3	79·2	79·7	79·8	80·5	80·4
7	80·4	80·5	80·4	80·5	80·4	80·5	80·6	81·0	81·9	82·5	83·5	84·6	85·0	83·8	83·2	82·6	81·9	81·7	80·9	80·7	80·2	79·7	79·9	79·9	81·5
8	80·1	80·4	80·2	80·3	80·2	80·4	80·4	80·5	80·3	80·8	81·3	81·7	80·4	79·1	78·8	78·5	78·4	78·1	78·0	77·6	76·8	76·2	75·7	75·2	79·2
9	75·1	75·2	74·7	74·3	74·1	73·8	73·7	73·7	74·7	75·6	76·5	77·1	77·9	78·1	77·9	77·2	76·0	75·2	74·4	73·6	72·9	72·5	72·1	72·5	75·0
10	72·6	73·0	73·1	73·6	73·6	73·9	73·9	74·3	74·8	74·7	74·8	75·3	75·3	75·3	75·7	75·6	75·3	74·9	74·4	73·9	74·0	74·5	74·7	74·7	74·4
11	74·4	74·6	74·5	75·0	75·3	76·1	76·7	77·1	77·7	78·3	79·2	79·7	80·0	79·0	79·0	78·8	78·4	78·6	78·3	78·6	78·9	78·1	77·7	77·0	77·5
12	76·0	75·4	75·0	74·8	74·6	74·6	74·5	74·8	76·0	77·1	78·3	78·8	79·3	79·5	79·1	78·2	77·8	76·9	76·1	75·7	75·5	75·1	74·7	74·5	76·4
13	74·3	74·6	74·5	74·5	74·1	74·2	75·0	75·3	75·6	76·3	76·8	77·3	77·1	77·2	77·4	77·3	76·4	76·0	75·1	74·4	74·0	73·8	73·7	74·0	75·4
14	73·3	73·1	72·4	71·9	71·1	70·9	70·4	70·0	70·5	70·4	71·5	72·7	73·7	74·6	74·8	75·1	75·2	75·7	75·9	75·9	76·1	76·3	76·5	76·4	73·5
15	76·2	75·4	74·3	74·3	73·8	73·8	73·9	74·1	75·4	76·6	78·0	78·6	79·1	78·9	78·5	77·5	76·5	76·1	75·6	75·5	75·4	75·0	74·8	74·3	75·9
16	73·6	73·9	73·6	73·5	73·6	73·9	74·4	74·4	75·0	76·3	77·6	78·3	79·0	79·1	78·8	78·4	78·0	77·5	77·2	77·2	76·8	76·9	76·9	77·1	76·2
17	77·0	76·8	76·7	76·8	76·7	77·3	77·8	77·7	78·0	78·6	79·6	80·3	80·2	80·6	80·5	80·2	79·7	79·5	78·9	78·8	78·6	78·6	78·6	78·1	78·5
18	78·0	78·0	77·9	77·6	77·6	77·6	77·6	77·8	78·5	79·3	79·9	80·5	80·9	80·9	80·4	79·8	79·0	78·5	78·4	78·6	78·9	79·0	79·3	79·2	78·9
19	79·0	78·7	78·4	78·0	77·8	77·6	77·5	77·7	77·9	78·0	78·4	78·8	78·9	78·8	79·0	78·5	78·1	77·6	77·3	77·3	76·8	76·2	75·9	75·8	77·9
20	76·3	75·7	75·7	76·2	76·3	75·9	75·7	76·5	77·3	77·5	77·9	78·1	78·8	78·7	78·9	78·9	77·9	77·3	77·3	76·9	76·9	77·3	77·5	77·7	77·2
21	77·7	77·2	77·4	77·8	78·3	78·4	78·8	79·2	79·4	80·0	80·1	80·4	80·4	80·6	80·2	79·9	79·6	79·4	79·1	79·1	79·1	79·0	78·4	78·1	79·1
22	77·8	77·7	77·7	77·8	77·9	78·0	78·2	78·3	78·8	79·1	79·2	78·9	79·8	79·9	79·7	79·5	79·2	79·0	78·8	78·7	78·0	77·8	77·7	77·6	78·6
23	77·5	77·5	77·4	77·6	77·3	77·1	77·1	77·3	77·3	77·7	78·8	79·7	79·8	80·0	80·2	79·8	79·3	79·0	78·4	77·6	77·1	76·9	76·4	76·0	78·1
24	75·7	75·4	75·3	74·7	74·1	74·0	73·7	73·2	73·6	74·1	74·8	76·1	77·7	78·0	77·8	77·3	76·9	76·7	76·3	76·1	75·8	75·4	75·3	75·5	75·6
25	75·7	76·1	75·6	75·9	76·6	77·3	78·3	76·0	75·6	75·1	75·2	75·6	75·7	75·8	75·5	75·1	74·7	74·6	74·3	74·5	74·1	73·7	73·1	72·9	75·3
26	72·3	72·3	71·8	71·5	71·4	71·2	70·6	70·5	70·4	71·5	72·4	73·4	74·7	75·2	75·4	74·8	73·9	72·9	72·0	71·5	71·2	70·5	70·0	69·8	**72·2**
27	69·3	68·9	68·7	69·0	69·7	70·6	71·4	71·9	72·9	73·3	73·3	74·0	74·5	74·8	75·2	74·6	74·2	74·0	73·5	73·2	72·8	72·9	72·7	71·7	72·3
28	70·7	71·0	70·6	70·2	70·3	70·3	69·9	69·6	70·5	72·4	73·5	74·2	74·6	74·7	74·6	74·1	73·5	73·4	72·9	73·4	72·9	72·7	72·6	73·1	72·3
29	72·9	72·9	72·7	72·8	72·3	72·2	72·0	72·3	72·9	73·6	74·1	74·8	75·5	75·6	75·6	74·5	73·4	73·3	73·0	73·9	74·3	74·3	75·2	75·7	73·7
30	76·1	76·3	76·3	76·5	76·8	76·6	75·9	75·0	75·1	75·3	76·2	76·9	77·3	77·0	76·9	76·2	75·5	74·7	74·0	73·4	73·6	74·0	74·2	74·6	75·6
Mean ...	77·0	76·9	76·7	76·7	**76·7**	76·7	76·7	76·8	77·3	78·0	78·7	79·3	79·7	**79·7**	79·6	79·2	78·6	78·2	77·8	77·6	77·3	77·1	77·0	76·9	77·8

413. Richmond (Kew Observatory) : North Wall Screen : $h_t = 3·0$ metres.

December, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	75·2	75·5	76·1	75·4	75·6	75·7	75·9	75·6	75·8	76·4	76·8	77·5	77·6	77·6	77·2	77·0	75·8	75·4	75·3	74·6	74·5	73·8	73·2	72·9	75·7
2	73·0	73·0	73·5	73·5	73·7	73·1	72·4	72·1	71·9	72·5	73·4	74·4	75·0	75·7	75·3	74·6	73·8	73·1	73·1	73·0	72·6	72·5	72·0	71·9	73·3
3	72·1	72·1	71·9	71·8	71·7	71·6	70·9	71·8	72·6	73·4	73·9	74·2	74·6	74·7	74·5	73·7	72·4	72·5	72·1	71·7	71·4	70·8	70·5	70·2	72·4
4	70·5	70·2	70·0	70·0	70·3	70·1	70·2	70·2	70·1	70·3	70·3	70·3	70·6	70·7	71·1	71·5	71·8	72·3	72·7	73·0	72·9	72·6	72·6	72·3	**71·1**
5	72·2	72·0	71·6	71·5	70·9	70·5	70·4	70·2	70·6	71·6	73·0	73·9	74·7	75·0	74·7	73·6	72·4	72·1	71·6	71·6	71·6	71·1	71·0	70·0	72·0
6	70·0	69·7	69·3	69·4	68·7	68·2	68·3	69·8	69·0	70·0	73·5	75·9	77·2	77·7	77·5	76·3	75·0	74·9	74·6	72·4	71·5	72·9	72·1	73·8	72·3
7	72·1	71·7	72·5	72·3	73·0	73·1	71·9	73·7	74·6	76·5	77·2	78·1	79·2	79·5	79·4	79·3	79·0	78·8	78·8	79·4	79·9	80·0	80·1	80·4	76·5
8	80·9	81·5	81·8	82·0	82·1	82·2	82·1	82·4	82·4	82·3	82·6	83·0	83·2	82·7	82·0	81·7	81·6	81·8	81·8	81·7	81·8	82·0	81·1	80·4	82·0
9	79·5	78·6	78·0	78·4	77·9	77·5	77·1	77·0	77·5	78·1	79·0	80·4	80·9	80·9	80·6	80·0	79·0	78·4	78·2	78·0	78·0	77·8	77·7	77·5	78·6
10	77·6	77·6	78·1	78·0	78·3	78·5	78·4	78·6	78·6	79·5	80·6	81·2	81·6	81·4	80·6	80·5	80·4	80·3	80·0	79·4	78·9	78·9	79·2	78·7	79·3
11	78·4	78·1	78·2	77·9	78·1	78·0	77·8	77·0	77·3	77·5	78·6	79·2	79·4	79·1	78·7	78·2	77·4	76·6	76·0	75·7	75·6	75·8	75·7	75·1	77·5
12	75·2	75·4	75·6	76·0	76·5	75·5	74·6	74·0	73·8	74·5	76·0	77·5	78·2	77·5	77·3	77·1	77·0	77·0	76·8	76·0	75·3	74·7	74·0	73·2	75·8
13	72·9	72·1	71·8	71·3	71·0	71 5	71·3	71·4	71·4	72·4	73·1	73·6	74·5	75·0	74·9	74·5	74·5	74·0	73·9	73·9	73·9	73·6	73·5	73·0	73·0
14	71·7	72·0	72·4	72·0	71·6	71·7	71·8	71·7	71·9	72·1	73·0	73·1	74·2	74·2	74·5	74·1	73·9	73·7	73·8	73·7	73·3	72·7	72·6	72·2	72·8
15	72·4	72·3	72·2	72·8	72·8	72·9	72·2	72·1	72·1	72·4	73·1	72·8	72·8	73·2	73·4	72·8	72·1	72·5	71·9	71·2	70·6	70·7	71·2	72·0	72·3
16	72·2	72·2	72·2	72·2	72·5	72·5	72·6	73·1	73·0	73·1	74·2	74·5	75·0	75·2	75·1	75·1	75·0	75·1	75·0	74·7	75·0	75·0	75·3	75·5	73·9
17	75·8	75·6	75·6	76·0	76·2	76·5	76·9	77·0	77·3	77·9	78·7	79·1	80·0	80·1	79·5	79·2	78·9	78·6	78·2	78·2	78·4	78·0	77·8	77·6	77·7
18	76·5	77·6	78·0	78·4	78·1	77·0	76·9	77·0	77·7	78·1	78·4	78·4	78·5	78·5	78·6	78·6	77·4	77·1	77·3	77·0	76·5	76·9	77·1	77·4	77·6
19	78·0	77·8	77·7	77·6	77·0	76·5	76·0	75·2	75·0	76·2	76·7	78·1	78·1	77·9	77·5	77·4	77·0	76·9	76·6	76·4	75·5	74·9	74·5	74·6	76·7
20	74·5	74·6	75·0	75·4	75·9	76·3	76·4	76·6	76·9	77·1	77·4	77·6	77·8	77·7	77·9	77·8	77·7	77·6	77·0	76·6	76·4	76·2	76·1	76·0	76·6
21	75·9	75·8	75·7	75·9	76·0	76·0	76·0	76·1	76·5	76·8	76·7	76·4	75·8	75·6	76·1	75·9	75·2	75·1	75·2	75·5	74·7	74·5	74·2	74·1	75·7
22	74·4	75·1	76·1	76·7	77·0	77·2	77·5	78·0	78·1	78·1	77·9	78·1	78·1	77·9	77·7	77·9	78·0	78·2	77·5	76·7	75·7	75·7	75·4	75·3	77·0
23	75·1	75·6	75·5	75·5	75·1	75·0	74·6	74·2	73·6	74·0	74·3	74·7	74·9	74·9	75·0	74·8	73·9	73·5	74·2	75·1	76·0	76·2	76·2	76·3	74·9
24	75·7	75·3	75·8	75·9	76·4	76·2	76·0	75·6	75·4	75·6	76·5	77·0	77·4	77·5	77·3	76·1	74·9	74·1	74·0	73·9	73·9	73·5	73·5	73·2	75·5
25	73·4	73·6	74·0	74·7	74·1	74·1	74·2	74·3	74·5	75·0	75·4	75·7	75·9	75·9	76·0	75·9	75·6	75·5	75·4	75·3	75·1	75·0	75·3	75·6	74·9
26	75·7	76·1	77·0	77·7	77·7	78·3	79·1	79·5	80·0	81·1	81·9	82·4	82·8	82·9	82·0	81·3	80·8	80·9	81·4	81·5	82·5	82·9	83·1	83·3	80·3
27	83·2	83·2	83·3	83·0	83·0	82·9	82·5	81·9	**81·3**	81·9	82·4	82·7	82·9	82·9	82·5	82·1	82·0	81·9	81·9	81·5	81·1	81·0	80·6	80·6	82·2
28	80·3	79·6	79·9	79·6	79·9	80·2	79·4	79·4	**79·6**	80·7	81·2	81·9	82·4	82·3	82·6	83·0	83·0	83·1	83·6	83·7	83·8	84·1	84·9	84·7	81·7
29	84·2	83·8	83·1	83·0	83·1	83·5	84·1	84·4	84·6	84·9	85·1	85·3	85·3	85·1	85·0	85·1	85·4	85·4	85·6	85·9	86·0	85·7	85·6	85·7	**84·8**
30	85·3	85·1	84·9	84·4	84·0	83·6	83·8	84·0	84·0	84·1	84·1	83·7	82·3	82·1	83·0	83·0	82·2	82·1	81·4	81·9	82·4	83·0	81·4	82·0	83·3
31	81·0	81·6	81·9	82·0	81·3	80·9	80·4	79·9	80·3	81·8	82·1	82·5	82·1	82·8	83·1	82·9	82·4	82·0	81·9	81·8	81·7	81·0	81·8	81·1	81·7
Mean ...	76·0	75·9	76·1	76·1	76·1	76·0	**75·9**	75·9	76·1	76·6	77·3	77·9	78·2	**78·2**	78·1	77·8	77·3	77·1	77·0	76·8	76·7	76·6	76·4	76·3	76·7
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

TEMPERATURE: ANNUAL MEANS OF HOURLY VALUES.

From readings in degrees absolute at exact hours, Greenwich Mean Time.

414. Richmond (Kew Observatory): North Wall Screen: $h_t = 3{\cdot}0$ metres. **1925.**

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
81·23	81·01	80·78	80·67	**80·64**	80·88	81·29	81·93	82·82	83·68	84·50	85·16	85·61	85·85	**85·90**	85·69	85·26	84·71	84·06	83·30	82·70	82·24	81·82	81·53	83·05

TEMPERATURE: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-periodic change.

415. Richmond (Kew Observatory): North Wall Screen: $h_t = 3{\cdot}0$ metres. **1925.**

Month.	Mean.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
Jan.	278·75	−0·62	−0·59	−0·79	−0·99	−1·09	**−1·18**	−1·07	−1·11	−0·66	−0·21	+0·34	+1·08	+1·58	**+1·85**	+1·81	+1·43	+0·84	+0·50	+0·23	+0·03	−0·10	−0·26	−0·40	−0·56
Feb.	279·03	−0·94	−1·05	**−1·30**	−1·27	−1·20	−1·17	−1·15	−1·04	−0·51	+0·22	+0·79	+1·38	+1·77	+1·86	**+1·96**	+1·73	+1·27	+0·72	+0·29	−0·02	−0·26	−0·45	−0·69	−0·84
Mar.	278·22	−1·31	−1·57	−1·74	−1·91	−1·99	**−2·04**	−1·98	−1·43	−0·48	+0·35	+1·14	+1·79	+2·30	+2·62	**+2·66**	+2·37	+1·91	+1·25	+0·73	+0·19	−0·23	−0·60	−0·95	−1·15
April	281·16	−2·18	−2·43	−2·67	−2·89	**−2·94**	−2·79	−1·94	−0·91	+0·23	+1·20	+1·85	+2·45	+2·97	**+3·23**	+3·15	+2·84	+2·54	+1·97	+0·92	+0·13	−0·51	−1·04	−1·45	−1·79
May	285·95	−2·77	−3·08	−3·52	**−3·65**	−3·60	−2·85	−1·93	−0·95	+0·31	+1·16	+2·23	+2·93	+3·39	**+3·61**	+3·57	+3·59	+3·22	+2·64	+1·69	+0·29	−0·69	−1·35	−1·85	−2·34
June	289·14	−3·41	−3·90	−4·46	**−4·85**	−4·61	−3·77	−2·72	−1·35	−0·13	+0·91	+1·96	+2·85	+3·61	+4·24	+4·39	**+4·58**	+4·38	+3·87	+2·94	+1·35	+0·04	−1·09	−1·99	−2·84
July	**290·93**	−3·08	−3·44	−3·75	**−3·82**	−3·78	−2·99	−2·32	−1·39	−0·26	+0·83	+1·93	+2·72	+3·33	+3·57	**+4·05**	+3·97	+3·72	+3·24	+2·43	+0·84	−0·27	−1·12	−2·00	−2·52
Aug.	289·30	−2·03	−2·57	−2·74	−2·74	**−3·04**	−2·58	−1·75	−0·72	+0·39	+1·18	+1·83	+2·25	+2·55	+2·94	+3·11	**+3·19**	+2·81	+2·16	+1·46	+0·31	−0·62	−1·23	−1·79	−2·11
Sept.	285·09	−2·13	−2·43	−2·56	−2·68	**−2·76**	−2·68	−2·14	−1·11	+0·20	+1·42	+2·30	+2·85	+2·91	+3·13	**+3·29**	+2·93	+2·64	+1·71	+0·60	−0·18	−0·79	−1·14	−1·60	−1·76
Oct.	284·18	−1·45	−1·59	−1·84	−2·06	−2·03	−2·14	**−2·16**	−1·65	−0·67	+0·36	+1·42	+2·33	+2·98	**+3·06**	+2·92	+2·54	+1·70	+0·95	+0·40	+0·03	−0·31	−0·71	−0·98	−1·16
Nov.	277·76	−0·90	−0·97	−1·19	−1·14	**−1·21**	−1·14	−1·10	−1·04	−0·46	+0·21	+0·92	+1·55	+1·92	**+1·99**	+1·89	+1·47	+0·88	+0·52	+0·08	−0·09	−0·39	−0·54	−0·66	−0·71
Dec.	**276·76**	−0·70	−0·72	−0·59	−0·55	−0·59	−0·68	**−0·86**	−0·80	−0·68	−0·10	+0·58	+1·09	+1·39	**+1·42**	+1·29	+0·98	+0·47	+0·30	+0·17	−0·02	−0·18	−0·29	−0·43	−0·52
Year	283·05	−1·79	−2·03	−2·26	−2·38	**−2·40**	−2·17	−1·76	−1·13	−0·23	+0·63	+1·44	+2·11	+2·56	+2·79	**+2·84**	+2·63	+2·20	+1·65	+0·99	+0·24	−0·36	−0·82	−1·23	−1·53

ABSOLUTE EXTREMES OF TEMPERATURE FOR EACH DAY.

Maximum and Minimum for the interval 0h. to 24h., Greenwich Mean Time.

416. Richmond (Kew Observatory): North Wall Screen: $h_t = 3{\cdot}0$ metres. **1925.**

Month	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	83·4	76·7	81·1	75·7	82·3	75·8	84·0	76·6	83·4	76·6	91·1	80·9	98·1	82·9	92·5	85·4	92·4	84·2	**93·5**	85·4	87·1	83·7	77·7	72·9
2	**85·5**	79 5	81·8	73·2	81·1	77·6	84·9	75·1	86·1	**76·1**	91·2	**79·5**	99·7	86·4	90·3	84·0	90·6	82·7	87·7	85·8	88·0	82·5	75·7	71·8
3	83·9	79·7	85·1	78·8	80·3	76·6	81·7	75·2	87·6	78·3	93·0	79·7	95·1	87·6	93·3	82·0	89·9	81·8	92·5	82·8	**88·6**	83·0	74·8	70·1
4	84·3	78·3	84·2	80·8	79·8	76·5	83·1	**72·1**	88·6	81·8	97·7	82·5	92·1	86·5	89·1	84·5	87·2	79·5	92·1	87·2	86·4	79·8	73·1	69·9
5	81·3	76·5	**85·3**	81·4	82·3	76·9	83·9	78·1	86·8	78·9	97·2	81·9	94·8	85·0	94·8	86·2	87·0	78·3	91·1	82·3	83·4	79·8	75·2	69·7
6	79·0	73·3	83·2	76·2	83·0	78·8	87·1	81·5	87·4	78·4	99·3	86·1	97·0	85·9	93·6	85·9	88·2	80·9	91·4	79·6	84·2	78·3	77·8	**67·8**
7	78·7	72·7	79·7	74·3	84·3	80·1	86·9	78·0	86·9	80·6	95·8	84·6	92·5	85·7	94·6	85·4	87·8	79·6	90·2	81·4	85·2	79·6	80·4	70·6
8	80·4	76·6	85·2	76·7	80·1	73·6	**89·2**	78·9	87·5	80·1	97·5	84·0	91·5	**82·5**	95·3	84·1	88·9	82·9	85·0	78·6	81·7	75·2	83·3	80·4
9	81·6	72·3	84·8	80·1	79·2	72·6	87·6	77·3	87·9	78·7	99·8	85·2	92·2	83·7	96·1	89·0	87·5	81·5	86·1	76·9	78·1	72·0	81·0	76·9
10	77·3	**70·1**	85·2	78·7	79·8	73·2	85·8	79·7	88·1	78·4	99·8	87·7	94·4	85·0	92·0	87·2	87·2	80·0	85·3	75·3	75·7	72·5	81·7	77·3
11	74·0	70·6	84·8	76·4	78·5	73·5	88·9	75·7	89·0	77·9	**01·7**	84·3	97·3	82·6	93·7	84·6	88·1	80·8	86·6	75·1	80·1	74·3	79·6	75·0
12	76·8	72·1	81·2	75·7	76·3	71·6	88·2	75·1	92·2	82·9	00·3	86·9	98·1	87·4	90·8	83·1	88·0	77·9	86·4	78·5	79·5	74·4	78·4	73·2
13	80·8	72·9	82·0	78·6	78·3	**69·0**	86·6	77·1	93·3	81·2	96·6	87·9	98·1	86·2	92·5	86·2	89·3	77·7	86·7	77·7	77·4	73·4	75·1	70·5
14	84·0	78·5	79·7	76·2	83·6	77·1	85·3	76·3	94·7	82·1	93·7	86·8	00·6	85·3	95·0	86·1	90·9	77·5	81·9	74·6	76·6	69·9	74·5	71·5
15	84·9	74·3	80·9	75·2	83·8	76·5	84·9	77·8	93·4	81·6	99·8	85·4	00·4	86·0	92·3	85·1	90·9	78·1	84·4	**73·8**	79·2	73·6	73·4	70·2
16	83·2	74·1	80·9	71·9	**84·9**	75·1	84·0	77·8	**97·7**	84·0	97·6	88·0	98·6	88·0	97·1	84·0	90·1	83·6	81·5	79·1	79·1	73·3	75·5	71·8
17	83·8	80·2	80·6	75·0	84·5	78·2	86·4	78·6	97·2	82·8	91·8	84·9	98·1	88·9	**98·2**	82·3	90·2	82·2	90·8	81·0	80·6	76·6	80·3	75·5
18	82·5	76·7	81·2	75·2	82·3	73·8	86·2	79·3	96·3	86·1	90·9	82·2	96·0	85·8	93·5	86·1	90·1	80·9	86·5	81·5	81·0	77·5	78·7	76·2
19	79·5	76·2	78·7	74·7	83·5	71·3	85·7	78·8	93·2	86·1	94·6	80·5	94·8	83·9	89·5	87·3	90·1	80·4	82·9	77·4	79·2	75·8	78·4	74·5
20	78·3	75·2	79·2	75·7	82·4	75·4	82·2	78·6	92·2	83·3	95·0	85·7	96·6	88·3	92·6	87·1	89·2	83·0	89·4	81·6	79·0	75·5	77·9	74·4
21	76·9	75·6	79·0	74·5	78·2	73·3	86·4	76·3	92·1	80·6	92·2	85·2	00·1	89·9	92·4	85·5	88·0	80·9	90·5	87·9	80·6	77·2	76·9	74·0
22	83·0	74·1	78·0	73·6	79·6	72·6	88·2	73·1	94·3	80·7	87·1	84·3	**03·3**	90·1	92·3	85·7	89·0	80·9	89·9	86·4	80·0	77·6	78·3	73·9
23	82·6	76·5	77·2	73·8	80·7	72·1	84·0	77·7	92·2	84·5	89·3	84·3	94·2	90·1	93·1	84·2	87·9	80·5	88·5	82·2	80·2	76·0	76·4	73·4
24	82·0	75·1	79·1	**71·3**	82·5	76·6	83·5	75·8	90·0	83·8	85·0	83·1	97·9	87·7	90·6	86·6	87·6	79·6	87·7	79·5	78·0	73·1	77·6	73·2
25	79·1	73·6	80·5	75·1	82·0	73·9	85·5	74·7	92·1	82·4	91·4	82·2	00·8	89·3	89·7	84·0	88·5	**77·0**	86·4	75·0	78·5	72·9	76·0	73·0
26	78·3	76·5	81·9	77·8	80·6	74·5	84·1	77·1	92·2	80·4	88·2	83·0	92·7	85·6	92·0	**81·5**	86·7	81·8	87·3	80·5	85·4	69·8	83·3	75·6
27	78·3	75·7	81·6	77·7	79·4	76·0	83·9	77·3	88·0	84·6	87·5	82·1	90·5	84·4	94·3	87·5	88·1	80·2	87·7	82·6	75·2	**68·5**	83·4	80·5
28	81·2	77·1	83·7	77·7	81·1	75·0	83·8	78·4	90·9	82·6	93·0	83·0	92·0	84·9	95·0	86·5	87·5	78·9	87·2	79·4	74·7	69·6	85·2	79·2
29	84·8	75·5	—	—	82·7	73·1	86·6	75·2	89·2	82·2	97·3	79·8	93·2	83·8	95·1	84·7	90·5	85·6	87·7	83·8	75·7	71·9	**86·1**	82·9
30	85·2	81·6	—	—	82·7	79·3	85·6	76·9	91·1	83·5	96·9	82·1	93·1	85·3	92·2	82·4	**92·9**	87·3	88·5	82·9	77·3	73·3	85·7	80·9
31	85·0	77·8	—	—	83·9	79·1	—	—	90·9	82·4	—	—	92·5	84·2	**98·2**	87·1	—	—	87·6	83·6	—	—	83·3	78·1
Mean	81·3	75·7	81·6	76·1	81·4	75·1	85·5	77·0	90·7	81·4	94·4	83·8	96·0	86·1	93·3	85·2	89·0	80·9	87·8	80·6	80·2	75·4	78·9	74·4

Note.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Year ...	86·7	79·3

Percentages at exact hours Greenwich Mean Time. Determined as explained on page 14.

417. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulbs above the ground)=3·0 metres.

January, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	73	79	84	89	85	89	89	91	90	85	84	77	75	83	76	77	76	76	79	76	80	85	87	86	82·0	8·5
2	84	78	77	89	93	95	89	89	91	92	91	90	89	92	91	77	82	78	74	70	76	81	73	71	84·1	10·3
3	77	76	78	67	77	82	75	77	76	70	72	65	75	78	80	72	79	87	91	93	89	90	89	97	79·1	9·1
4	97	89	90	75	72	73	78	70	68	66	63	65	62	68	70	73	79	75	77	77	78	77	79	81	**75·4**	8·2
5	81	81	81	85	87	87	85	87	87	85	83	75	75	72	73	78	85	86	85	85	89	89	89	88	83·1	7·5
6	95	93	91	91	91	93	91	88	88	84	79	73	68	68	68	71	78	89	89	89	95	95	93	95	85·5	6·5
7	95	91	95	91	97	93	93	91	90	88	88	83	83	85	85	86	84	83	83	85	85	85	83	83	88·0	6·9
8	83	81	83	77	81	80	83	87	81	79	75	73	71	67	66	71	74	67	71	73	76	81	87	94	77·3	7·1
9	94	91	94	94	93	93	79	71	72	73	75	69	67	67	67	71	81	81	87	91	93	95	97	100	83·0	7·9
10	100	100	100	100	100	100	100	100	100	100	99	95	89	89	91	90	93	95	97	97	97	99	99	99	97·1	5·7
11	99	99	99	99	99	99	93	99	99	97	99	93	99	99	99	99	99	97	100	100	100	100	100	100	**98·5**	**5·6**
12	100	100	100	100	99	99	99	99	95	95	98	98	99	95	95	96	99	97	97	97	95	97	99	97	97·7	6·4
13	97	99	97	97	97	97	99	99	99	94	93	92	94	94	93	97	99	99	95	94	94	94	93	90	95·8	7·9
14	91	90	86	85	80	79	78	87	89	92	95	96	96	96	96	96	95	93	96	95	95	93	93	95	91·0	10·2
15	95	95	95	96	95	93	92	93	93	88	92	95	95	86	83	85	97	95	99	99	95	100	100	99	93·9	9·9
16	96	93	97	97	100	97	99	97	97	97	97	94	96	96	96	97	96	96	97	99	96	97	96	95	96·7	9·1
17	96	97	97	96	96	96	96	93	93	93	92	89	85	79	82	85	87	91	91	94	93	89	91	92	91·4	**10·9**
18	92	93	95	97	96	99	99	97	99	97	97	94	91	84	81	83	89	93	91	89	94	93	97	95	93·1	9·3
19	94	97	99	95	97	100	100	99	99	99	100	99	95	97	97	95	95	97	99	99	97	99	99	99	97·7	8·4
20	100	99	99	99	97	100	100	100	99	93	93	88	88	89	88	88	89	88	89	89	91	91	91	89	93·4	7·4
21	89	87	89	90	89	89	90	89	87	89	87	89	89	88	87	88	87	85	87	87	87	89	90	89	88·2	6·7
22	90	91	93	91	93	96	95	96	93	90	89	83	75	69	70	76	81	82	87	87	87	86	86	87	86·4	7·6
23	87	91	91	91	80	75	87	91	91	89	83	75	69	68	71	73	80	86	82	85	83	84	88	91	82·9	8·2
24	89	91	92	89	89	93	97	95	93	93	82	76	76	69	70	79	86	85	87	94	97	99	95	100	88·0	7·7
25	100	99	99	100	95	97	97	93	97	99	93	91	92	88	87	82	80	85	87	89	91	85	87	85	91·9	7·4
26	85	85	84	87	85	83	83	80	80	81	83	82	81	81	81	82	82	82	82	81	79	81	82	79	82·3	6·8
27	82	81	83	84	84	85	89	89	91	89	89	89	93	93	93	91	93	93	93	91	93	88	91	93	88·9	7·2
28	95	95	93	95	95	97	95	97	92	93	94	87	86	83	86	94	95	95	95	90	89	87	87	85	91·8	8·4
29	87	90	89	89	83	84	85	82	78	82	85	89	87	87	86	85	85	83	84	83	82	81	78	85	84·5	8·7
30	82	75	74	78	83	85	86	96	89	84	79	76	63	71	64	68	67	66	69	76	73	72	75	76	76·3	9·8
31	74	77	78	80	82	81	82	85	83	81	82	76	78	74	70	74	77	82	85	85	83	82	81	80	79·6	9·5
Mean	90·3	89·8	90·4	90·1	90·0	**90·6**	90·4	90·5	89·7	88·3	87·5	84·4	83·3	82·4	**82·0**	83·2	86·1	86·7	87·9	88·3	88·8	89·2	89·5	90·2	87·9	8·1†
Vapour Pressure* ...	mb. 7·9	mb. 7·9	mb. **7·7**	mb. **7·7**	mb. **7·7**	mb. **7·7**	mb. **7·7**	mb. **7·7**	mb. 7·9	mb. 7·9	mb. 8·2	mb. 8·3	mb. **8·5**	mb. **8·5**	mb. **8·5**	mb. 8·4	mb. 8·4	mb. 8·3	mb. 8·2	mb. 8·1	mb. 8·1	mb. 8·0	mb. 8·0	mb. 7·9	mb. 8·1‡	

418. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

February, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	76	74	73	76	75	73	75	73	74	70	66	67	63	66	63	66	69	71	73	76	77	87	83	84	72·8	6·3
2	87	88	88	89	93	89	96	95	91	89	85	72	71	70	66	70	76	77	82	87	85	85	87	89	83·5	7·1
3	90	89	90	90	93	93	96	95	93	91	86	85	78	78	76	80	84	85	84	84	85	85	86	85	86·8	10·2
4	86	85	88	88	92	93	87	89	78	68	63	61	60	61	65	70	76	76	81	86	89	92	91	93	79·7	9·4
5	88	89	88	87	87	83	83	82	82	81	76	77	73	71	74	76	79	81	83	85	82	82	83	83	81·7	**10·3**
6	82	82	88	92	92	91	92	92	90	86	91	85	80	69	71	72	76	77	82	79	81	80	83	85	83·2	8·7
7	84	77	81	81	79	79	82	83	79	73	70	65	61	61	62	64	69	73	79	79	79	77	79	79	74·9	5·9
8	76	83	83	89	89	90	89	93	93	90	85	81	78	80	82	86	86	87	80	78	83	84	85	76	84·5	10·0
9	74	82	73	77	75	72	75	73	71	69	68	67	62	65	62	74	79	77	76	67	65	68	72	76	**71·6**	9·0
10	82	83	83	82	87	89	85	87	80	80	76	84	78	84	84	84	83	77	79	77	75	78	80	78	81·4	9·6
11	77	78	81	83	81	80	83	83	81	82	82	81	74	75	73	73	73	74	69	68	70	70	89	85	77·6	9·7
12	84	84	84	85	85	76	78	83	77	84	89	81	73	73	66	70	77	80	85	86	84	83	83	88	80·7	7·1
13	86	83	90	89	87	92	91	92	92	89	92	82	91	89	94	94	93	87	91	94	91	91	93	91	90·1	8·9
14	90	91	95	92	91	92	91	92	89	87	88	85	88	81	81	82	78	80	85	83	87	87	84	87	87·0	7·4
15	91	89	91	92	95	95	97	95	93	90	86	83	79	79	79	76	86	89	93	95	95	99	99	100	90·0	7·9
16	99	99	97	99	97	97	97	99	93	92	88	76	77	72	72	77	79	81	85	88	91	95	93	93	89·1	7·2
17	97	97	95	97	95	93	93	97	93	93	87	85	82	79	74	62	69	70	72	73	77	81	83	81	84·6	7·0
18	83	81	83	83	83	38	85	81	82	77	83	81	75	73	70	71	73	91	93	91	95	95	93	95	83·0	6·9
19	95	93	95	97	95	93	93	97	93	82	77	70	64	66	66	66	74	78	84	86	85	87	89	92	84·1	6·6
20	92	92	95	91	93	91	93	93	88	79	80	69	67	62	62	64	73	75	79	82	83	84	83	80	81·5	6·6
21	81	81	79	77	81	77	82	87	76	69	68	65	62	63	73	71	78	79	80	81	77	81	77	81	76·0	**5·7**
22	81	83	83	81	83	83	83	89	96	89	87	84	74	79	81	77	78	85	81	83	88	91	95	93	84·2	6·0
23	91	93	87	85	85	85	83	88	87	93	89	90	90	93	93	95	93	95	95	97	93	87	91	91	**90·4**	6·8
24	93	95	95	95	93	94	94	91	85	83	82	83	89	93	92	88	89	88	93	90	89	90	90	91	90·2	6·7
25	89	87	91	88	89	87	89	89	87	79	79	80	91	93	93	93	90	90	85	83	82	86	83	81	87·0	7·7
26	91	91	93	96	97	92	95	87	79	79	81	83	74	75	73	83	82	82	90	90	88	90	90	86	86·0	8·7
27	87	85	85	85	83	87	85	85	83	80	82	75	81	79	70	73	78	81	77	76	77	80	82	82	80·8	7·8
28	86	90	85	89	87	87	87	84	79	78	71	65	59	63	60	63	72	73	81	86	89	94	91	89	79·4	8·0
Mean	86·4	86·6	87·1	87·7	87·9	87·0	87·8	**88·4**	85·1	82·2	80·6	77·2	74·8	74·7	**74·2**	75·7	79·0	80·7	82·7	83·2	83·6	85·3	86·3	86·2	82·9	7·8†
Vapour Pressure* ...	mb. 7·5	mb. 7·6	mb. **7·4**	mb. 7·5	mb. 7·5	mb. 7·5	mb. 7·5	mb. 7·6	mb. 7·7	mb. 7·8	mb. 8·0	mb. 7·9	mb. 7·9	mb. 7·9	mb. 7·9	mb. 8·0	mb. **8·1**	mb. 7·9	mb. 7·9	mb. 7·7	mb. 7·7	mb. 7·7	mb. 7·7	mb. 7·6	mb. 7·7‡	—
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours Greenwich Mean Time. Determined as explained on page 14.

419. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulbs above the ground)=3·0 metres.

March, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure *
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	93	95	93	95	97	97	97	99	95	94	90	83	76	80	78	83	85	90	90	90	89	91	91	93	90·1	8·1
2	93	91	87	87	88	87	85	87	87	85	83	81	79	82	81	80	85	81	77	77	81	79	81	84	83·9	7·7
3	84	83	85	83	83	83	75	82	79	75	70	73	68	66	63	66	71	74	70	70	75	79	80	77	75·7	6·7
4	74	75	71	69	67	68	72	66	70	70	71	69	68	71	66	64	72	75	77	77	80	85	88	89	72·8	6·3
5	89	84	84	85	80	83	87	84	81	77	75	72	73	64	66	68	67	73	76	77	77	73	77	77	77·3	7·4
6	77	77	78	79	79	80	81	81	78	81	74	76	77	77	77	77	79	82	82	85	82	82	84	84	79·4	8·5
7	88	87	85	85	87	84	85	85	83	72	69	67	73	69	57	61	64	76	74	68	77	80	81	80	76·6	8·9
8	76	87	81	77	76	73	73	66	60	60	57	53	61	55	63	59	79	83	79	79	79	73	77	75	71·0	5·9
9	67	75	73	73	79	77	75	72	71	64	58	58	52	53	50	53	57	62	66	70	75	77	76	75	67·0	4·9
10	69	71	66	67	67	66	66	65	64	64	59	57	55	49	48	46	53	58	60	69	70	71	70	73	62·7	4·9
11	83	87	87	89	89	89	90	88	81	85	87	81	73	61	60	68	77	67	68	76	83	87	91	87	80·3	6·1
12	87	85	85	87	89	83	81	88	75	65	58	53	54	53	51	55	55	61	69	60	61	69	69	71	69·7	4·6
13	69	77	87	81	81	81	85	74	71	60	54	61	61	63	62	68	65	71	73	73	85	89	89	89	73·3	5·0
14	94	97	93	95	95	97	99	99	85	84	74	70	67	69	69	70	73	79	79	79	85	93	96	95	84·7	8·8
15	89	91	92	95	96	96	96	95	91	82	70	65	61	65	67	66	68	71	66	72	74	81	82	89	80·1	8·7
16	89	91	91	95	93	91	91	92	84	81	80	73	71	68	66	69	71	78	83	85	88	87	87	89	83·0	8·3
17	90	91	91	93	94	87	87	84	77	75	70	68	66	65	69	71	73	78	83	86	83	90	91	87	81·3	8·9
18	85	82	90	91	93	93	96	95	77	73	73	66	59	57	56	63	66	72	77	79	79	87	95	99	79·0	6·9
19	95	97	97	99	99	99	99	97	97	95	92	86	81	79	75	61	57	61	68	72	78	79	83	80	84·8	7·1
20	81	80	82	86	87	89	87	87	82	76	73	71	65	65	60	67	73	73	75	88	89	89	90	89	79·1	7·7
21	88	85	87	87	91	87	87	85	87	85	73	76	75	67	67	79	70	71	72	75	79	75	85	87	80·0	5·6
22	89	90	92	88	85	85	81	81	84	77	77	73	66	61	56	56	87	91	88	88	82	85	89	87	80·7	5·7
23	89	91	85	89	90	91	91	91	85	75	67	63	62	59	56	57	60	70	74	77	75	83	83	85	77·0	5·8
24	83	88	88	91	93	97	99	95	90	85	72	69	59	57	55	59	61	79	88	91	88	87	85	87	81·0	7·5
25	82	89	85	93	91	93	89	89	83	81	79	73	62	62	58	53	63	69	70	79	81	85	85	89	78·4	6·6
26	91	91	88	88	88	88	89	87	81	77	70	66	65	59	57	61	63	68	73	75	78	81	81	82	77·1	6·5
27	83	83	83	85	83	83	81	82	79	75	76	66	66	66	64	63	66	65	67	68	72	75	73	77	74·3	6·2
28	79	81	81	83	82	82	81	85	81	85	79	72	66	62	63	80	71	67	67	71	72	73	81	79	75·9	6·2
29	81	81	85	85	87	81	81	80	75	71	68	69	67	67	65	64	65	68	73	75	77	80	81	79	75·2	6·7
30	76	77	77	76	77	75	79	79	75	77	73	69	70	69	70	69	71	76	78	78	81	83	83	85	75·8	8·0
31	86	86	86	89	85	87	87	85	79	70	76	71	70	63	67	66	68	68	73	74	81	82	81	81	77·6	8·6
Mean	83·8	85·3	85·0	86·0	86·2	85·5	85·5	84·7	80·2	76·7	72·5	69·3	66·7	64·6	63·3	65·2	68·9	72·8	74·7	76·9	79·2	81·6	83·4	83·9	77·6	6·9†
Vapour Pressure* ...	mb. 6·7	mb. 6·7	mb. 6·7	mb. 6·7	mb. 6·6	mb. 6·5	mb. 6·5	mb. 6·8	mb. 6·8	mb. 7·0	mb. 7·0	mb. 6·9	mb. 6·9	mb. 6·9	mb. 6·7	mb. 6·7	mb. 6·9	mb. 7·0	mb. 7·0	mb. 6·9	mb. 6·9	mb. 6·9	mb. 6·9	mb. 6·9	mb. 6·8‡	

420. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

April, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure *
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	81	83	85	87	89	89	85	86	87	79	75	67	59	53	51	51	50	51	62	72	76	77	79	79	73·1	7·7
2	82	89	88	89	88	90	87	87	81	87	91	92	87	79	75	81	95	91	95	93	95	96	90	87	88·0	8·9
3	89	90	87	87	83	90	81	71	71	66	63	54	48	50	45	46	47	49	67	73	73	75	76	81	69·4	6·5
4	85	89	87	87	89	91	91	84	74	67	68	62	63	62	58	64	63	67	79	85	88	89	87	86	77·6	6·4
5	89	89	91	91	86	83	80	77	70	68	67	62	65	68	70	77	77	81	84	85	85	85	89	88	79·4	8·6
6	87	84	88	91	92	95	95	96	93	93	93	87	77	72	67	67	69	71	73	81	80	87	87	93	84·0	10·4
7	96	99	97	99	97	100	99	99	97	96	85	78	68	67	65	65	72	75	85	76	80	87	92	89	86·0	9·8
8	89	91	94	93	91	93	94	85	82	76	72	63	58	56	53	53	53	61	70	72	73	79	87	91	76·2	9·6
9	95	95	95	95	93	93	83	72	65	62	55	61	62	53	61	63	63	67	71	76	79	84	85	87	75·7	9·2
10	91	92	95	94	94	96	94	95	85	83	75	69	65	66	71	66	69	70	73	82	85	91	93	90	82·6	9·6
11	95	99	99	97	99	99	99	99	86	80	71	68	55	59	58	54	62	66	71	73	82	89	81	97	81·0	9·2
12	97	100	99	99	100	99	99	99	94	83	62	65	66	60	55	54	55	52	55	60	70	79	83	87	78·2	8·7
13	89	89	93	91	94	95	89	82	69	63	58	63	82	85	87	90	88	87	72	65	65	66	72	76	79·8	9·0
14	78	81	84	88	88	91	88	74	67	65	53	58	54	55	60	67	77	83	92	93	95	96	95	93	77·7	8·4
15	92	91	90	91	75	78	73	70	63	63	58	57	51	59	64	55	59	76	69	72	84	78	79	71	72·0	8·7
16	73	77	75	75	69	65	62	62	61	57	57	60	65	65	66	66	66	70	70	71	69	72	71	72	67·3	7·2
17	70	67	69	74	78	77	75	66	61	58	59	57	54	55	51	51	49	52	60	64	70	79	83	87	65·0	7·6
18	90	90	89	90	90	89	89	88	87	85	87	82	72	77	75	76	74	75	76	80	80	83	86	89	83·3	9·9
19	91	91	89	89	89	89	79	69	66	66	71	79	82	82	78	77	77	75	78	72	72	68	70	67	78·2	8·6
20	68	65	65	65	66	64	66	65	62	60	63	60	62	59	57	63	65	63	65	69	69	72	75	73	64·9	6·5
21	79	79	81	79	78	77	69	69	68	65	60	59	55	51	48	50	50	66	73	73	78	86	88	93	69·3	7·5
22	99	95	95	96	97	97	95	87	73	66	63	61	61	59	55	59	60	61	67	67	69	75	72	73	75·5	8·3
23	70	69	69	82	91	92	89	91	91	84	75	66	68	68	59	56	58	61	67	61	67	76	79	84	73·7	8·3
24	88	89	91	90	90	89	82	73	65	63	81	76	66	53	57	65	70	72	71	77	85	81	87	91	77·0	7·3
25	91	87	93	89	89	90	85	82	75	66	61	57	59	56	60	58	58	58	57	66	71	86	86	80	73·5	7·5
26	83	86	85	83	83	84	82	74	68	68	59	58	55	86	73	81	82	79	77	89	87	88	88	89	78·4	7·5
27	95	95	93	91	93	91	91	87	79	79	70	83	72	66	65	69	75	74	79	81	81	80	83	83	81·6	8·3
28	82	83	87	89	85	86	82	76	72	85	70	65	65	66	71	65	65	81	81	79	77	77	89	84	77·3	8·1
29	88	89	90	93	93	93	87	81	77	70	66	61	55	53	56	85	86	78	86	86	86	95	94	91	80·5	8·0
30	91	94	97	99	97	97	94	86	78	65	68	58	54	52	63	65	58	65	90	87	85	90	94	93	80·0	8·3
Mean	86·4	87·2	88·0	88·8	88·2	88·7	85·5	81·1	75·6	72·3	68·5	66·3	63·5	63·1	62·5	64·6	66·4	69·2	73·8	76·0	78·5	82·2	84·0	84·8	76·9	8·3†
Vapour Pressure* ...	mb. 8·0	mb. 8·0	mb. 7·9	mb. 7·9	mb. 7·7	mb. 7·9	mb. 8·0	mb. 8·2	mb. 8·3	mb. 8·4	mb. 8·4	mb. 8·4	mb. 8·3	mb. 8·4	mb. 8·3	mb. 8·5	mb. 8·4	mb. 8·5	mb. 8·4	mb. 8·3	mb. 8·2	mb. 8·3	mb. 8·2	mb. 8·1	mb. 8·2‡	
Hour G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

421. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulbs above the ground) = 3·0 metres.

May, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Vapour Pressure *
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	91	88	84	84	85	83	82	78	76	75	73	68	65	65	68	69	79	78	71	76	79	82	84	91	78·1	**7·6**
2	89	91	92	95	95	93	93	81	72	61	59	52	55	55	64	67	65	73	67	69	72	75	78	79	74·9	8·4
3	83	76	89	89	94	87	79	73	61	61	55	50	53	64	75	84	91	92	91	92	87	85	91	93	78·7	9·3
4	95	97	96	95	97	97	95	93	80	76	75	77	78	74	71	71	71	71	74	80	91	96	96	95	85·0	11·7
5	96	95	95	93	91	93	91	82	70	71	68	70	64	62	65	68	64	70	63	75	83	86	91	90	79·1	9·8
6	91	90	90	91	93	89	82	84	75	75	81	63	59	56	55	53	59	59	62	66	71	72	74	77	73·9	9·0
7	82	83	87	91	91	89	93	88	72	70	71	69	63	63	63	64	71	68	73	81	86	87	86	86	78·0	9·4
8	81	84	91	92	92	87	83	87	89	89	82	87	81	77	71	66	61	61	72	81	85	88	91	94	82·0	10·1
9	93	95	100	97	97	91	87	76	68	62	62	60	65	58	64	59	63	59	67	77	82	84	87	92	76·9	9·8
10	92	93	94	95	99	91	83	78	73	70	66	67	85	77	77	59	65	60	61	78	85	89	94	94	80·2	10·0
11	93	94	94	95	94	95	88	87	86	79	68	60	61	59	57	60	67	75	82	83	83	87	87	88	80·2	10·4
12	88	90	91	83	82	82	79	76	71	67	63	58	55	57	56	57	59	55	59	67	71	78	84	88	71·5	11·3
13	89	93	93	93	93	91	83	81	79	73	67	62	62	60	58	58	59	61	61	69	81	88	83	87	76·0	12·2
14	91	90	91	91	93	93	86	71	69	64	59	55	53	50	49	55	54	53	57	68	75	78	84	84	71·4	12·5
15	85	85	87	88	89	83	79	71	68	63	60	58	55	52	53	54	52	57	57	68	81	88	92	93	71·4	11·6
16	95	95	96	96	97	92	91	89	80	73	69	61	57	53	49	48	51	57	66	75	75	81	83	83	75·7	14·8
17	84	86	92	92	91	91	91	87	83	71	63	51	53	51	52	51	48	46	51	57	61	68	73	79	69·7	13·2
18	86	85	91	92	93	88	86	76	62	60	57	57	57	61	66	69	71	74	69	81	82	79	91	92	75·7	**15·6**
19	94	92	96	95	95	95	95	92	84	77	75	73	71	72	70	74	69	68	73	79	82	85	80	85	82·3	15·2
20	86	88	85	82	81	84	83	83	82	82	69	63	53	51	44	47	47	47	53	63	68	71	76	81	69·6	11·2
21	83	87	87	89	89	83	78	71	62	63	58	57	58	56	51	51	52	56	57	70	77	82	85	90	70·3	10·6
22	96	93	95	92	95	89	87	77	68	65	61	58	49	48	44	43	49	53	53	56	60	61	67	68	68·3	11·4
23	73	79	80	80	83	83	88	86	81	83	72	72	75	72	73	67	61	60	63	74	73	82	89	91	76·2	13·3
24	91	92	93	91	93	89	88	78	69	67	59	63	63	55	63	77	87	89	87	87	87	89	89	90	80·7	12·0
25	91	89	96	93	93	92	96	88	79	86	70	65	63	61	61	52	59	64	66	73	78	90	96	95	78·9	12·3
26	96	99	99	95	96	89	85	80	69	72	66	62	59	55	48	50	54	62	69	71	73	80	83	85	75·1	12·1
27	87	83	85	88	88	89	91	90	87	88	87	87	86	87	86	81	83	85	86	83	88	83	85	88	**86·3**	13·1
28	89	87	86	83	81	77	72	65	59	60	56	53	53	53	52	53	49	49	61	62	69	79	83	86	**67·4**	10·4
29	87	88	89	88	86	80	72	69	68	61	69	61	57	63	63	61	61	66	68	71	73	74	82	85	72·6	10·8
30	89	91	93	91	89	85	69	67	61	56	55	56	56	57	59	57	61	67	65	71	75	81	85	84	71·7	11·8
31	83	86	87	87	82	77	72	66	61	59	55	53	53	53	59	69	59	68	85	88	89	90	91	92	73·3	10·9
Mean	88·7	89·2	**91·1**	90·5	90·9	88·0	84·7	79·7	73·0	70·3	66·1	62·8	61·8	**60·5**	60·8	61·1	62·6	64·6	67·4	73·9	78·1	81·9	85·2	87·3	75·8	11·3†
Vapour Pressure* ...	mb. 11·0	mb. 10·8	mb. 10·7	mb. **10·6**	mb. **10·6**	mb. 10·8	mb. 11·1	mb. 11·1	mb. 11·1	mb. 11·2	mb. 11·3	mb. 11·3	mb. 11·4	mb. 11·4	mb. 11·3	mb. 11·4	mb. **11·5**	mb. 11·4	mb. 11·2	mb. 11·2	mb. 11·1	mb. 11·2	mb. 11·2	mb. 11·1	mb. 11·1‡	

422. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

June, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Vapour Pressure *
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	93	92	96	93	92	85	82	77	67	61	61	58	53	51	53	58	59	54	67	76	81	78	86	87	73·5	10·6
2	87	89	86	90	89	91	88	81	73	61	55	53	49	45	48	47	47	46	50	56	69	69	75	77	67·7	10·0
3	82	87	92	92	91	85	74	68	62	60	55	51	47	45	43	45	47	46	49	58	67	73	78	82	65·7	10·7
4	84	87	88	88	85	81	76	65	59	54	49	49	47	41	41	41	40	43	50	63	69	82	82	89	64·6	12·3
5	83	89	92	93	88	82	82	69	62	55	48	46	47	48	45	43	47	50	53	62	69	78	79	79	66·4	13·3
6	85	90	91	92	89	87	81	70	63	61	56	52	58	55	50	51	53	55	51	59	67	72	79	85	68·7	16·4
7	86	86	90	90	90	87	80	77	71	65	65	63	63	62	61	63	64	67	74	78	81	86	89	91	76·1	14·4
8	91	90	91	91	91	91	87	85	77	73	64	57	49	51	49	47	37	39	43	41	74	78	80	81	69·3	13·6
9	77	81	78	71	80	76	77	69	65	59	53	43	35	33	34	35	36	37	39	47	53	60	60	62	57·0	13·1
10	64	70	69	76	75	69	63	56	47	45	41	38	39	38	37	39	39	41	41	45	52	57	63	73	**53·0**	13·1
11	78	74	83	88	87	76	69	58	44	46	45	42	39	38	38	37	36	35	37	53	68	76	80	83	58·5	14·6
12	88	83	89	94	88	90	86	75	69	63	59	54	49	48	48	47	59	65	63	63	67	71	67	71	69·3	**16·5**
13	85	84	84	79	73	73	69	66	65	61	56	51	51	49	48	49	52	55	59	64	67	65	53	56	63·4	13·6
14	61	63	64	67	70	72	76	73	73	76	74	73	71	69	62	61	58	57	57	62	65	69	73	77	67·2	12·7
15	88	87	89	91	90	83	80	76	64	60	59	57	53	50	49	46	47	47	51	62	67	72	74	74	67·4	15·3
16	78	71	70	70	68	65	71	62	60	59	55	50	50	50	54	53	53	57	57	61	63	69	72	75	62·2	14·1
17	77	82	77	79	77	76	77	73	75	62	55	54	52	51	53	49	50	53	57	58	65	73	78	78	65·8	11·5
18	75	74	73	78	76	68	66	61	59	55	51	50	49	47	47	48	47	49	49	51	58	62	70	78	60·0	**9·5**
19	78	78	81	87	85	78	75	61	56	53	49	45	45	44	41	41	39	45	50	63	69	67	65	68	61·2	10·6
20	62	65	69	74	76	76	73	72	67	64	64	60	59	52	55	54	50	53	55	61	69	74	74	71	64·5	12·4
21	70	75	73	77	80	79	77	66	65	63	61	64	57	53	49	45	50	56	58	60	64	66	68	70	64·5	11·0
22	71	73	65	67	70	68	72	65	64	63	65	66	62	62	64	64	67	69	71	73	77	79	80	80	68·8	10·2
23	78	79	83	83	76	73	73	73	75	71	71	68	62	61	59	49	49	58	59	64	69	69	70	74	68·7	10·2
24	75	76	80	80	82	82	76	77	79	77	81	89	79	83	85	80	78	82	87	89	87	89	90	87	**81·8**	10·8
25	92	92	88	91	89	87	73	70	67	66	59	53	53	49	49	50	54	56	63	69	70	73	74	74	69·5	10·2
26	75	77	76	77	78	76	70	67	66	65	67	65	65	62	65	65	76	90	83	85	87	85	86	91	74·6	11·0
27	95	95	93	92	88	86	82	75	73	74	69	61	56	60	65	60	61	63	68	72	76	78	79	78	75·3	10·1
28	81	83	83	85	85	77	75	70	67	67	64	61	58	56	55	54	53	53	59	63	73	81	87	95	69·8	11·0
29	99	99	94	100	95	89	87	74	65	53	47	44	43	41	42	44	51	50	53	59	66	83	85	89	69·0	12·4
30	91	92	93	95	96	88	81	69	59	52	53	49	45	41	39	40	43	47	56	65	66	77	80	83	66·8	12·9
Mean	81·0	82·1	82·7	**84·3**	83·3	79·9	76·6	70·0	65·3	61·5	58·4	55·5	52·8	51·2	50·9	**50·2**	51·4	53·9	57·0	62·7	69·2	73·7	75·9	78·6	67·0	12·3†
Vapour Pressure* ...	mb. 11·8	mb. 11·6	mb. **11·2**	mb. **11·2**	mb. **11·2**	mb. 11·3	mb. 11·7	mb. 11·7	mb. 11·8	mb. 11·8	mb. 12·1	mb. 12·1	mb. 12·1	mb. 12·1	mb. 12·2	mb. 12·1	mb. 12·3	mb. 12·5	mb. 12·5	mb. 12·4	mb. **12·6**	mb. 12·5	mb. 12·2	mb. 12·0	mb. 12·0‡	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

423. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulbs above the ground) = 3·0 metres.

July, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	87	92	91	92	96	92	86	75	66	55	47	49	45	44	38	41	43	51	56	65	73	78	81	84	67·7	13·9
2	90	87	92	91	89	87	84	85	73	67	44	38	39	38	37	44	46	48	55	61	66	71	74	78	66·1	14·9
3	80	82	87	86	85	84	84	85	79	73	73	76	75	75	73	76	72	73	68	75	78	84	88	92	79·0	16·3
4	89	89	87	85	86	83	84	83	79	76	73	73	69	69	69	67	64	63	65	68	70	75	79	84	76·4	13·6
5	83	88	91	87	85	86	81	89	92	81	74	73	68	60	52	55	59	57	55	67	76	79	84	92	75·4	14·0
6	92	91	92	93	91	84	79	72	61	55	54	52	53	48	51	54	59	62	67	76	79	81	90	88	71·9	15·0
7	89	87	87	86	87	89	93	92	92	85	72	61	65	57	51	53	45	45	51	55	60	63	69	71	71·4	13·3
8	75	87	87	86	86	84	80	68	63	49	47	45	48	50	51	48	49	53	54	57	60	63	66	68	**63·5**	**10·5**
9	70	73	77	82	81	78	77	69	64	60	56	53	51	55	59	55	51	53	61	68	74	73	80	81	66·4	11·4
10	83	86	85	84	83	78	74	73	79	89	87	79	72	70	70	67	61	62	61	61	63	64	69	73	74·0	13·7
11	81	82	85	87	90	80	73	66	61	57	53	53	55	53	55	53	54	54	56	62	67	75	81	88	67·3	14·0
12	90	89	92	95	94	92	90	81	73	69	61	58	57	52	61	61	59	62	63	65	73	81	83	88	74·5	17·0
13	93	96	96	92	97	81	75	72	62	58	55	55	51	48	49	46	45	45	52	63	71	79	85	85	68·8	15·2
14	84	88	93	94	95	90	75	74	67	59	53	49	47	44	43	43	38	41	43	51	60	67	79	79	65·0	15·1
15	84	85	86	88	88	82	77	73	68	59	51	46	41	42	41	38	42	48	53	59	61	64	71	77	**63·5**	15·5
16	85	85	86	85	89	83	80	73	63	57	49	47	49	49	47	48	49	50	58	65	66	68	69	73	65·6	15·5
17	79	77	74	78	79	77	71	71	63	58	55	53	53	52	53	48	46	58	63	72	77	80	80	80	66·4	15·0
18	84	82	84	82	80	82	83	84	79	78	68	61	49	45	43	44	48	49	50	61	70	75	83	87	68·7	14·2
19	93	90	91	92	90	81	89	90	76	67	58	56	51	49	49	48	51	45	49	57	65	66	68	72	68·7	13·1
20	73	81	83	80	81	81	87	81	79	74	72	78	71	61	53	61	85	87	87	91	93	97	94	98	79·8	16·5
21	91	93	93	94	95	98	93	90	85	80	75	65	65	59	49	49	58	60	64	72	76	77	79	80	77·0	19·4
22	83	93	94	93	92	90	88	80	76	66	57	49	45	45	45	53	55	88	97	96	98	95	99	99	77·8	**20·8**
23	98	100	97	98	97	97	95	90	86	78	74	70	69	73	74	76	74	75	81	84	81	85	79	78	84·2	18·2
24	88	91	92	95	96	94	89	78	71	63	65	58	55	65	59	67	64	59	61	71	87	86	93	99	76·5	17·4
25	99	99	99	99	94	90	89	84	80	77	72	68	61	59	53	51	47	49	53	75	80	80	85	87	76·5	18·9
26	85	86	86	87	92	87	95	87	85	90	87	71	55	49	45	49	51	53	54	63	73	79	83	81	74·0	13·7
27	92	89	96	93	89	85	81	87	89	86	67	63	67	77	84	87	79	77	85	84	84	85	86	88	83·2	13·2
28	88	90	88	87	85	85	82	78	75	73	73	72	69	64	57	52	51	51	53	63	69	75	81	82	72·7	12·2
29	85	87	90	90	93	88	81	77	75	76	85	82	83	82	81	83	79	74	78	82	83	87	83	85	82·8	14·6
30	90	89	89	87	86	85	79	75	70	71	68	62	66	68	55	48	54	61	62	73	81	83	89	91	74·1	13·6
31	92	93	93	93	95	95	95	94	92	93	91	89	87	83	76	75	70	66	66	77	76	78	82	78	**84·8**	14·1
Mean	86·3	88·0	89·1	89·1	**89·2**	86·1	83·5	79·9	74·9	70·3	65·0	61·4	59·1	57·6	**55·6**	56·1	56·4	58·7	62·0	69·0	73·9	77·2	81·0	83·4	73·0	15·0†
Vapour Pressure* ...	mb. 14·4	mb. 14·4	mb. 14·3	mb. **14·2**	mb. **14·2**	mb. 14·4	mb. 14·7	mb. 14·9	mb. 15·0	mb. **15·1**	mb. 14·9	mb. 14·8	mb. 14·8	mb. 14·6	mb. 14·6	mb. 14·6	mb. 14·5	mb. 14·6	mb. 14·7	mb. 14·8	mb. 14·8	mb. 14·6	mb. 14·5	mb. 14·5	mb. 14·6‡	

424. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

August, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	81	82	79	82	85	83	75	75	70	66	66	73	83	64	65	57	58	60	58	66	70	76	81	81	72·3	12·6
2	83	85	86	85	87	85	80	76	70	63	61	62	55	55	59	56	59	56	58	68	71	78	82	85	71·0	**11·3**
3	87	89	89	92	93	92	82	79	71	70	69	65	61	61	59	55	57	63	70	73	77	82	84	88	75·3	12·7
4	92	89	92	89	89	87	89	87	83	82	83	85	86	79	76	75	81	89	93	94	94	91	92	94	87·0	13·9
5	96	95	94	94	94	95	95	92	87	82	77	77	69	67	63	64	59	59	62	69	76	78	81	83	79·7	15·4
6	86	89	89	88	95	89	80	75	73	80	84	84	84	76	80	80	82	83	75	85	85	85	90	93	83·5	16·1
7	96	92	89	88	89	88	85	85	73	72	69	63	60	57	55	54	53	55	63	75	79	85	90	91	75·3	14·1
8	96	96	95	96	96	93	89	83	73	68	65	71	73	71	64	59	59	65	73	81	87	89	89	88	80·0	15·6
9	88	87	78	77	76	73	76	76	69	69	66	67	68	65	65	69	73	76	79	88	89	88	91	91	76·8	16·9
10	91	94	94	94	95	91	90	85	85	83	79	79	87	86	86	86	89	93	91	90	90	92	94	93	**89·0**	16·8
11	92	91	94	93	95	93	89	83	79	77	67	71	75	66	60	60	52	81	79	86	87	85	87	90	80·5	14·1
12	89	90	92	92	95	93	90	78	79	79	80	78	79	80	79	80	83	82	81	82	87	84	88	87	84·6	14·5
13	84	85	87	90	89	87	87	91	90	84	83	80	80	80	81	81	84	86	89	89	95	96	100	99	87·1	16·5
14	97	97	99	99	97	96	99	93	84	75	64	67	60	63	61	63	70	74	80	84	84	83	82	82	81·7	15·7
15	83	82	84	82	85	79	73	61	63	60	59	59	57	54	50	53	54	52	55	69	79	87	89	88	**68·9**	12·3
16	90	89	89	89	89	89	88	83	69	61	49	44	41	39	45	45	45	45	56	75	86	89	88	92	69·7	13·4
17	92	95	95	93	96	92	88	86	81	73	69	61	54	53	53	53	59	60	67	78	90	90	93	91	77·6	15·8
18	97	95	96	93	95	90	87	83	81	78	73	68	70	70	71	72	76	77	79	79	80	78	80	81	81·4	15·6
19	82	82	82	90	89	88	86	83	80	79	79	87	88	88	79	81	81	82	81	83	82	79	80	81	83·0	14·7
20	80	83	83	82	86	85	83	75	73	65	73	75	67	66	65	67	67	73	75	83	85	87	91	90	77·3	14·5
21	91	91	91	91	93	93	94	89	87	80	85	95	81	67	65	69	75	79	84	76	84	86	87	87	84·3	15·3
22	84	87	90	94	95	94	96	82	77	73	61	63	65	79	87	75	79	77	79	86	90	93	96	94	83·0	14·4
23	95	96	95	94	91	95	93	92	83	79	78	67	72	72	69	72	71	73	77	79	84	89	94	96	83·6	14·3
24	97	97	95	95	95	95	96	95	95	92	88	85	79	80	80	72	72	74	80	83	85	87	86	87	87·3	15·2
25	87	89	87	87	87	87	81	79	75	70	70	74	74	72	78	79	77	75	77	81	86	90	92	95	81·0	13·3
26	95	99	97	97	97	97	95	92	79	74	61	60	61	67	74	78	81	84	87	88	92	89	88	88	84·3	13·8
27	89	90	91	92	91	92	93	92	91	90	88	83	74	62	58	57	63	69	70	78	72	78	80	84	80·4	16·1
28	86	88	91	91	92	89	89	83	79	75	70	65	63	61	62	63	63	60	71	77	80	83	87	88	77·3	15·1
29	86	85	85	86	87	89	89	84	78	69	64	64	63	57	55	56	53	60	64	69	73	71	79	80	72·9	14·7
30	81	84	83	87	89	87	84	76	73	66	61	60	57	57	55	55	59	62	73	73	73	76	80	84	72·2	12·0
31	84	87	91	91	90	92	89	87	82	80	73	67	65	64	59	61	64	68	73	73	75	79	83	84	77·5	**17·2**
Mean	88·9	89·7	89·8	90·1	**91·0**	89·6	87·4	83·2	78·5	74·7	71·4	70·9	69·4	67·0	66·4	**66·0**	67·7	70·7	74·2	79·3	82·8	84·7	87·2	88·2	79·5	14·6†
Vapour Pressure* ...	mb. 14·1	mb. 14·0	mb. **13·8**	mb. 13·9	mb. **13·8**	mb. 13·9	mb. 14·3	mb. 14·6	mb. 14·8	mb. 14·8	mb. 14·7	mb. **15·0**	mb. 14·9	mb. 14·8	mb. 14·9	mb. 14·9	mb. 14·8	mb. 14·9	mb. 14·9	mb. 14·9	mb. 14·7	mb. 14·4	mb. 14·3	mb. 14·1	mb. 14·5‡	
Hour G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

425. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulbs above the ground) = 3·0 metres.

September, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	82	82	85	87	89	86	86	83	82	81	80	79	79	82	87	79	90	88	76	79	79	81	89	89	83·2	15·3
2	86	84	87	88	87	87	82	73	64	62	59	54	52	52	51	54	55	61	61	68	71	72	75	78	69·5	10·8
3	81	82	82	86	81	76	75	72	74	66	64	72	62	51	50	50	53	52	62	63	69	72	77	81	**69·3**	10·7
4	85	86	87	87	87	81	84	79	77	67	61	58	63	62	62	76	72	63	67	75	81	77	85	82	75·1	**9·2**
5	86	86	86	87	89	89	83	74	68	65	59	58	62	76	90	91	91	90	93	95	91	92	87	88	82·2	10·0
6	92	93	89	87	89	92	88	86	78	72	79	67	67	59	61	58	64	67	72	74	79	80	85	88	77·7	10·3
7	92	93	91	94	95	95	89	83	79	75	72	68	67	64	62	64	67	71	71	75	77	77	78	79	78·5	10·3
8	79	82	84	85	89	90	92	92	83	77	70	66	69	73	73	80	82	79	88	90	92	95	97	97	83·1	11·9
9	96	97	96	95	93	96	92	93	89	87	88	87	85	84	83	83	80	76	79	77	89	89	88	85	88·0	12·1
10	84	83	77	86	79	76	79	76	73	78	73	67	66	61	61	62	64	71	73	70	73	73	82	85	73·8	9·3
11	92	93	91	89	87	87	85	81	78	69	68	63	76	74	79	73	87	87	82	83	86	93	93	96	82·8	10·9
12	97	95	93	93	95	94	91	87	81	70	66	63	60	56	56	59	59	65	72	77	82	87	89	93	78·4	9·7
13	95	99	97	94	97	95	95	95	92	83	61	59	58	55	59	57	58	60	84	88	95	99	94	95	81·8	10·1
14	99	99	97	97	94	97	97	95	87	80	71	64	60	59	58	59	57	65	75	88	92	93	95	84	82·0	10·5
15	97	99	99	99	95	95	91	81	70	62	53	48	49	47	46	53	54	62	66	69	76	71	73	74	72·3	10·9
16	75	73	74	74	76	77	77	77	76	72	74	82	87	91	88	78	81	81	81	79	85	87	89	87	79·7	13·1
17	93	91	91	91	93	93	91	86	82	70	63	61	57	60	63	69	66	70	82	87	91	92	93	91	80·2	12·2
18	91	83	85	80	87	87	90	82	76	70	65	57	54	53	50	53	53	69	84	90	92	93	95	96	76·3	11·6
19	97	99	96	93	95	92	91	88	92	91	90	87	94	94	91	91	81	81	78	81	81	84	85	81	89·2	12·2
20	69	74	76	76	79	78	78	75	73	69	68	84	88	81	86	86	83	88	89	87	91	92	92	92	81·2	11·7
21	93	95	95	96	93	96	88	85	73	73	74	67	80	83	71	80	74	80	88	89	92	92	93	95	85·2	11·3
22	96	97	97	97	95	92	92	93	90	87	87	84	93	93	90	95	80	82	85	86	87	85	87	82	90·0	12·9
23	88	90	85	85	91	85	87	83	83	79	78	71	72	78	73	71	70	83	91	91	89	95	95	96	83·4	11·4
24	93	93	93	93	91	91	89	85	76	72	68	64	62	69	59	61	69	80	78	84	92	93	96	95	81·1	10·0
25	96	94	94	97	97	95	94	91	85	77	67	64	58	57	62	69	73	83	90	92	93	97	96	96	84·0	10·5
26	96	99	97	89	84	84	87	77	69	65	62	59	55	61	74	72	72	67	83	73	75	77	77	77	76·7	10·3
27	80	87	88	92	91	92	96	89	77	68	63	65	59	59	55	64	68	68	72	84	79	85	89	90	77·2	9·9
28	89	91	94	94	93	94	94	92	87	83	75	68	70	67	74	78	82	84	87	89	94	94	94	95	85·8	11·1
29	96	95	95	95	94	96	95	95	92	89	87	85	83	83	84	85	88	90	91	92	93	94	95	94	**91·1**	15·5
30	94	95	95	95	95	95	94	93	88	83	79	79	78	75	75	77	81	82	88	91	94	92	93	93	87·7	**16·8**
Mean	89·6	**90·3**	89·9	90·0	90·0	89·4	88·4	85·0	79·8	74·7	70·8	**68·3**	68·8	68·6	69·1	70·9	71·8	74·8	79·6	83·3	85·3	86·8	88·5	88·5	80·9	11·4†
Vapour Pressure* ...	mb. 11·0	mb. 10·8	mb. 10·6	mb. 10·6	mb. **10·5**	mb. **10·5**	mb. 10·7	mb. 11·1	mb. 11·3	mb. 11·5	mb. 11·6	mb. 11·4	mb. 11·7	mb. 11·8	mb. **12·0**	mb. **12·0**	mb. **12·0**	mb. 11·7	mb. 11·7	mb. 11·4	mb. 11·3	mb. 11·2	mb. 11·2	mb. 11·0	mb. 11·3‡	

426. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

October, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	91	97	96	96	99	99	97	95	92	88	89	80	77	76	72	81	86	88	90	90	91	92	93	94	89·5	**16·4**
2	94	88	88	89	90	91	93	91	88	89	89	89	88	87	87	86	87	85	89	90	90	91	93	93	89·4	13·9
3	94	96	93	93	93	96	95	97	93	89	83	77	66	65	64	52	64	76	84	89	91	88	88	87	84·0	13·3
4	87	92	92	93	93	93	94	91	88	85	81	79	78	84	91	88	90	91	91	90	91	94	93	88	89·0	16·1
5	87	86	85	87	86	93	95	97	89	79	78	74	69	72	70	71	75	85	88	93	95	96	99	97	85·0	13·7
6	99	97	100	100	97	100	97	100	97	89	78	74	69	65	63	64	86	92	95	93	97	95	95	100	89·2	12·2
7	97	100	99	100	93	99	100	100	99	97	89	79	76	77	84	91	89	81	83	81	80	80	78	76	89·2	12·5
8	73	73	75	75	73	81	86	83	75	71	71	71	65	63	67	66	65	74	77	76	80	83	86	89	74·6	8·7
9	85	88	88	89	87	88	87	86	74	66	60	60	60	60	61	72	74	76	83	88	89	93	90	93	79·0	8·6
10	97	95	93	91	97	93	95	94	89	88	78	70	72	75	80	89	93	99	95	100	100	100	99	100	90·8	9·1
11	100	95	100	100	99	100	100	100	100	99	95	92	83	87	73	74	79	87	85	93	99	100	95	100	93·1	9·4
12	99	99	99	95	97	97	100	100	97	96	89	80	77	79	77	81	85	88	88	90	92	93	96	96	91·3	11·1
13	99	97	97	99	96	96	96	93	92	91	88	85	81	76	75	82	86	83	83	83	72	77	77	84	87·3	10·9
14	82	82	83	78	72	73	77	72	61	58	57	53	51	50	54	58	62	68	64	75	75	79	84	85	**68·8**	**6·2**
15	89	88	91	90	89	91	91	87	82	73	67	63	55	54	55	57	68	73	75	80	79	79	80	80	76·6	7·2
16	86	90	94	96	95	99	95	94	97	97	93	89	90	90	89	95	93	96	93	92	92	93	96	95	93·0	9·5
17	97	100	100	100	100	100	99	97	99	97	88	80	73	68	61	64	64	68	76	80	81	82	81	83	85·2	12·0
18	83	83	85	85	85	88	87	93	97	87	82	77	75	75	75	80	84	86	89	92	78	80	82	83	83·8	11·7
19	83	85	93	91	99	95	95	97	93	93	93	89	78	75	76	79	84	91	94	95	96	96	99	96	89·9	9·2
20	96	96	97	99	100	100	100	100	100	100	97	93	94	95	94	93	92	93	93	91	91	92	92	91	95·5	14·6
21	94	94	93	93	93	92	92	93	94	91	83	78	79	82	87	86	85	88	92	92	89	91	89	86	89·1	16·0
22	89	89	83	91	89	84	91	87	84	84	78	73	79	84	89	93	91	90	86	86	88	77	79	81	85·3	14·1
23	81	87	88	90	89	88	89	88	85	83	84	77	77	77	89	79	87	89	87	84	85	87	92	93	85·4	12·4
24	92	95	96	96	96	95	93	93	91	81	77	77	66	70	71	73	80	92	93	92	96	96	97	95	87·6	10·7
25	97	100	99	100	100	100	97	100	99	94	85	79	74	69	65	71	79	87	88	91	92	95	95	96	89·6	9·3
26	96	96	96	95	96	92	91	86	87	87	79	92	92	94	95	94	93	88	91	91	88	88	90	89	91·2	12·4
27	89	89	89	88	88	85	83	83	81	76	73	69	71	71	70	71	72	77	80	82	83	87	91	89	80·7	11·7
28	92	91	95	94	95	93	94	95	92	85	77	71	68	67	69	70	77	83	85	86	85	85	82	79	84·0	10·3
29	80	80	80	80	81	82	80	83	85	84	83	74	79	74	80	80	84	83	85	82	87	89	87	88	81·9	11·6
30	92	89	93	92	96	95	96	93	91	90	90	83	77	78	75	79	86	89	91	93	96	97	97	95	89·6	12·4
31	96	97	97	100	99	100	100	100	99	99	100	95	95	93	89	91	92	94	97	95	100	97	100	100	96·7	13·8
Mean ...	90·8	91·4	92·2	92·4	92·3	92·8	**93·1**	92·5	90·0	86·7	82·4	78·1	75·3	**75·2**	75·7	77·7	81·7	85·2	86·8	88·2	88·7	89·4	90·2	90·3	86·6	11·6†
Vapour Pressure* ...	mb. 11·0	mb. 10·9	mb. 10·8	mb. **10·7**	mb. **10·7**	mb. **10·7**	mb. **10·7**	mb. 11·0	mb. 11·4	mb. 11·7	mb. 11·9	mb. 12·0	mb. 12·0	mb. **12·1**	mb. **12·1**	mb. **12·1**	mb. **12·1**	mb. 11·9	mb. 11·7	mb. 11·7	mb. 11·4	mb. 11·2	mb. 11·1	mb. 11·0	mb. 11·4‡	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

*9

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

427. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulbs above the ground) = 3·0 metres.

November, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	100	100	100	100	100	100	100	100	99	90	87	80	81	78	81	78	85	82	78	83	92	92	97	95	90·9	12·9
2	93	95	95	93	92	91	97	93	90	81	83	76	74	76	80	82	85	88	89	92	92	91	91	90	88·0	12·7
3	94	96	92	91	96	100	100	100	100	97	95	93	90	90	87	89	91	89	87	87	84	84	88	89	92·1	**14·1**
4	91	91	93	92	96	95	95	97	96	92	87	77	74	70	69	73	77	84	91	92	93	97	99	95	88·0	10·8
5	97	96	97	95	95	93	99	99	97	89	88	89	92	91	89	81	86	86	87	84	89	89	91	93	91·4	10·5
6	91	95	93	95	94	97	93	97	90	93	85	83	76	72	76	76	91	91	89	94	93	94	94	90	89·3	9·1
7	95	96	95	97	100	100	100	100	100	92	92	81	77	86	82	87	92	92	96	95	94	97	95	94	**93·0**	10·3
8	95	90	89	88	87	86	85	84	86	84	81	78	82	89	82	86	84	84	78	73	75	75	75	73	83·3	7·8
9	73	73	77	80	79	83	81	85	79	79	77	74	70	69	69	73	80	82	85	95	93	92	100	92	80·5	5·6
10	97	97	99	99	99	99	99	97	97	99	97	95	91	88	83	85	82	85	81	83	81	83	81	83	91·0	6·2
11	85	91	91	93	89	87	91	91	88	87	79	77	77	86	89	89	89	86	83	82	81	80	80	81	85·5	7·2
12	83	87	85	85	83	87	83	83	77	73	69	66	64	62	62	64	68	73	75	77	78	79	79	79	75·9	5·9
13	77	76	76	77	79	80	75	77	79	75	72	71	74	74	72	72	77	80	83	87	85	85	86	87	78·0	5·7
14	87	91	94	94	99	93	91	91	89	95	93	87	93	93	93	91	89	90	91	91	89	87	85	85	91·0	5·7
15	89	89	91	96	95	96	95	96	91	93	87	82	77	81	83	88	93	93	93	95	93	95	91	93	90·5	6·8
16	97	96	96	97	97	97	95	96	95	84	84	83	76	75	76	77	79	84	83	83	83	82	82	85	86·9	6·7
17	83	83	85	88	89	88	87	89	87	86	79	76	75	72	72	75	77	75	81	83	85	87	87	91	82·4	7·4
18	89	93	89	93	91	89	88	89	86	82	77	77	71	71	73	79	81	83	83	82	82	82	79	82	83·2	7·7
19	81	82	81	83	83	83	84	81	83	84	83	83	79	82	79	87	88	89	91	91	92	93	97	97	85·4	7·4
20	91	95	97	95	100	100	100	100	93	91	91	93	89	89	89	93	91	88	89	93	93	89	87	83	92·7	7·6
21	84	89	88	89	85	87	83	85	86	83	80	80	80	79	79	82	81	82	82	83	85	89	88	91	84·0	7·9
22	91	95	94	94	94	94	94	97	93	89	87	91	77	80	80	82	82	87	90	91	88	83	84	84	88·5	8·0
23	84	84	85	84	85	87	88	89	91	94	91	87	85	86	80	83	85	86	88	93	93	95	91	95	87·6	7·7
24	91	93	91	95	93	91	89	93	91	85	87	85	80	77	76	79	78	82	84	81	84	83	83	85	85·9	6·3
25	87	87	89	87	92	92	93	87	75	73	71	70	70	71	73	79	79	77	79	79	79	81	83	84	80·7	5·8
26	85	85	86	86	88	89	93	95	96	89	86	82	76	76	73	82	88	96	97	98	99	100	100	100	89·0	5·1
27	100	99	99	98	97	95	92	89	82	96	97	95	85	87	79	83	77	75	74	73	73	71	70	73	86·3	5·0
28	79	79	79	83	83	83	85	87	87	77	69	66	65	65	67	71	72	73	74	74	73	73	72	71	**75·3**	**4·3**
29	71	71	73	76	76	78	80	81	80	79	77	76	73	75	75	81	81	81	85	80	87	91	93	95	79·3	5·0
30	97	99	97	97	93	93	91	93	91	95	87	81	79	79	81	84	87	91	93	95	96	97	96	99	91·2	6·7
Mean	88·6	89·8	89·9	90·7	91·0	91·1	90·9	**91·4**	89·1	86·9	83·9	81·1	78·4	79·0	**78·3**	81·0	83·2	84·5	85·3	86·2	86·8	87·2	87·5	87·8	86·2	7·7†
Vapour Pressure* ...	mb. 7·2	mb. 7·2	mb. 7·1	mb. 7·2	mb. 7·3	mb. 7·3	mb. 7·2	mb. 7·3	mb. 7·4	mb. 7·6	mb. 7·6	mb. **7·7**	mb. 7·6	mb. **7·7**	mb. 7·6	mb. 7·6	mb. 7·5	mb. 7·5	mb. 7·3	mb. 7·3	mb. 7·2	mb. 7·1	mb. 7·1	mb. **7·0**	mb. 7·4‡	

428. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

December, 1925.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	94	94	92	91	93	92	90	90	89	74	71	68	63	61	64	68	77	77	77	81	83	85	88	90	81·5	6·0
2	92	93	92	95	96	98	99	99	99	95	88	84	79	76	75	79	81	83	81	81	83	84	85	86	87·7	5·5
3	85	84	83	83	85	87	89	93	94	93	93	93	91	89	91	95	94	95	98	99	99	99	99	99	91·8	5·4
4	98	98	98	98	98	98	98	97	97	97	97	97	97	97	97	97	94	96	98	98	98	99	99	99	**97·5**	5·2
5	99	98	98	97	95	92	88	86	85	82	81	76	68	62	60	62	67	69	71	73	77	82	87	90	81·3	**4·6**
6	93	94	95	95	95	95	95	97	97	95	95	93	89	89	88	93	93	97	97	95	96	97	97	97	94·3	5·4
7	97	97	97	99	97	97	97	93	93	93	95	91	86	86	86	87	89	89	90	89	90	94	95	97	92·7	7·2
8	100	99	97	97	99	99	100	96	96	96	95	93	93	93	95	91	92	91	91	93	95	93	93	89	95·0	10·8
9	87	89	91	85	88	89	91	91	89	89	86	76	72	71	72	75	83	85	85	87	86	87	87	87	84·5	7·7
10	89	89	88	88	87	85	85	83	82	78	73	71	69	70	76	77	75	76	76	81	86	82	81	85	80·5	7·6
11	85	87	85	87	84	85	85	88	87	84	73	70	67	69	73	74	75	79	81	83	85	83	83	85	80·7	6·8
12	83	87	90	87	83	88	91	91	96	91	85	79	75	81	83	85	82	81	82	84	85	88	89	93	85·6	6·4
13	94	95	95	96	96	96	96	96	96	95	93	86	83	82	83	87	86	91	95	95	95	96	97	96	92·5	5·6
14	96	96	91	91	91	91	91	90	83	82	75	73	69	69	69	73	73	77	85	86	84	84	86	88	83·2	5·0
15	89	90	90	88	88	89	91	91	91	91	88	87	86	86	85	88	90	92	92	93	97	96	96	96	90·3	5·2
16	96	95	95	95	95	94	93	93	93	93	86	85	88	89	91	91	91	91	91	95	89	91	88	89	91·7	6·0
17	87	90	91	85	89	90	87	85	83	81	78	77	74	74	79	79	81	83	84	84	84	85	87	89	83·6	7·1
18	92	89	89	87	87	89	91	91	87	83	80	80	81	81	83	83	85	85	82	85	85	85	85	89	85·6	7·2
19	91	88	89	85	87	87	87	89	91	87	83	77	79	79	80	79	83	85	85	81	89	93	91	91	85·7	6·8
20	93	97	93	95	97	95	95	93	92	95	93	94	95	97	95	94	94	93	95	95	95	97	97	95	94·7	7·5
21	97	95	99	95	93	93	93	93	90	88	89	93	90	95	90	91	93	91	89	93	91	93	96	95	92·7	6·8
22	95	93	90	89	91	92	94	95	94	93	94	94	93	94	95	94	94	95	92	91	89	89	85	87	92·3	7·4
23	87	81	78	78	83	72	74	74	81	79	80	77	79	81	82	81	80	83	83	85	89	90	91	87	81·5	5·7
24	89	88	81	76	71	71	72	76	79	77	75	72	71	67	68	76	82	81	81	83	85	86	86	87	**78·3**	5·7
25	87	89	85	82	95	95	96	95	93	91	91	90	89	91	91	90	91	91	89	91	99	100	97	99	91·7	6·4
26	99	99	100	97	99	97	95	94	97	92	85	83	79	79	85	87	89	89	91	96	95	95	97	95	92·3	9·4
27	93	95	95	96	97	95	95	93	96	91	89	86	83	82	85	87	87	89	89	89	87	85	89	84	90·1	10·4
28	81	83	85	81	83	79	85	87	85	86	85	85	87	92	92	87	92	92	91	91	91	95	90	80	87·0	9·7
29	79	83	86	86	87	93	92	92	92	91	91	89	90	91	92	91	89	89	90	89	88	90	93	93	89·1	**12·2**
30	95	92	87	86	90	93	91	90	91	91	87	89	83	87	83	79	78	74	76	76	81	77	87	83	85·5	10·6
31	84	76	73	72	77	78	82	87	89	83	84	82	85	80	73	67	74	74	76	77	78	81	75	78	78·7	8·8
Mean	**91·2**	91·1	90·3	89·1	90·2	90·2	90·6	90·6	90·5	88·3	85·7	83·5	**81·7**	81·9	82·6	83·5	85·0	85·9	86·5	87·7	88·8	89·7	90·2	90·3	87·7	7·2†
Vapour Pressure * ...	mb. 6·9	mb. 6·9	mb. 6·9	mb. **6·7**	mb. 6·9	mb. 6·8	mb. 6·8	mb. 6·8	mb. 6·9	mb. 6·9	mb. 7·1	mb. **7·2**	mb. **7·2**	mb. **7·2**	mb. **7·2**	mb. 7·1	mb. 7·0	mb. 7·0	mb. 7·0	mb. 7·0	mb. 7·0	mb. 7·1	mb. 7·0	mb. 7·0	mb. 7·0‡	
Hour G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

*Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

From the monthly means, for exact hours, Greenwich Mean Time.

429. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres. **1925.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Relative Humidity ...	% 87·7	% 88·4	% 88·8	% 89·1	% **89·2**	% 88·3	% 87·0	% 84·7	% 81·0	% 77·7	% 74·4	% 71·6	% 69·6	% 68·8	% **68·4**	% 69·6	% 71·6	% 74·0	% 76·5	% 79·5	% 82·0	% 84·1	% 85·8	% 86·6	% 80·2
Vapour Pressure in millibars	mb. 9·6	mb. 9·5	mb. 9·4	mb. 9·3	mb. 9·3	mb. 9·4	mb. 9·5	mb. 9·7	mb. 9·8	mb. 10·0	mb. 10·1	mb. 10·1	mb. 10·2	mb. 10·2	mb. 10·2	mb. 10·2	mb. 10·2	mb. 10·2	mb. 10·1	mb. 10·0	mb. 9·9	mb. 9·8	mb. 9·7	mb. 9·6	mb. 9·9

RELATIVE HUMIDITY : MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

430. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres. **1925.**

Month.	Mean.	Hour 1.	G.M.T 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Jan.	**87·9**	+ 2·4	+ 1·9	+ 2·5	+ 2·2	+ 2·1	+ **2·7**	+ 2·5	+ 2·7	+ 1·7	+ 0·4	− 0·4	− 3·5	− 4·6	− 5·5	− **5·9**	− 4·7	− 1·8	− 1·2	− 0·0	+ 0·5	+ 0·9	+ 1·3	+ 1·7	+ 2·3
Feb.	8·29	+ 3·6	+ 3·8	+ 4·3	+ 4·9	+ 5·1	+ 4·1	+ 5·0	+ **5·5**	+ 2·3	− 0·7	− 2·3	− 5·7	− 8·1	− 8·3	− **8·8**	− 7·3	− 4·0	− 2·3	− 0·3	+ 0·2	+ 0·6	+ 2·3	+ 3·2	+ 3·1
Mar.	77·6	+ 6·1	+ 7·6	+ 7·3	+ 8·3	+ **8·5**	+ 7·9	+ 7·9	+ 7·1	+ 2·6	− 1·0	− 5·1	− 8·2	−10·9	−13·0	−**14·3**	−12·3	− 8·7	− 4·7	− 2·8	− 0·6	+ 1·7	+ 4·1	+ 5·9	+ 6·4
April	76·9	+ 9·7	+10·5	+11·3	+**12·0**	+11·5	+12·0	+ 8·7	+ 4·3	− 1·3	− 4·6	− 8·3	−10·6	−13·4	−13·8	−**14·5**	−12·3	−10·5	− 7·7	− 3·2	− 1·0	+ 1·5	+ 5·2	+ 6·9	+ 7·7
May	75·9	+12·8	+13·3	+**15·2**	+14·7	+15·0	+12·1	+ 8·9	+ 3·8	− 2·8	− 5·6	− 9·7	−13·0	−14·0	−**15·3**	−15·0	−14·7	−13·2	−11·2	− 8·5	− 1·9	+ 2·3	+ 6·0	+ 9·3	+11·4
June	**67·0**	+13·8	+15·0	+15·6	+**17·2**	+16·2	+12·8	+ 9·5	+ 2·9	− 1·8	− 5·6	− 8·6	−11·5	−14·2	−15·8	−16·0	−**16·8**	−15·5	−13·0	− 9·9	− 4·2	+ 2·3	+ 6·8	+ 9·0	+11·7
July	73·0	+13·2	+14·9	+16·0	+16·0	+**16·1**	+13·0	+10·5	+ 6·8	+ 1·9	− 2·7	− 8·0	−11·6	−14·0	−15·4	−**17·4**	−16·9	−16·6	−14·3	−11·0	− 4·0	+ 0·9	+ 4·2	+ 8·1	+10·5
Aug.	79·5	+ 9·5	+10·2	+10·4	+10·6	+**11·5**	+10·1	+ 7·9	+ 3·7	− 1·1	− 4·9	− 8·1	− 8·6	−10·2	−12·5	−13·2	−**13·5**	−11·9	− 8·9	− 5·4	− 0·3	+ 3·2	+ 5·0	+ 7·6	+ 8·6
Sept.	80·9	+ 8·8	+ **9·5**	+ 9·1	+ 9·2	+ 9·2	+ 8·6	+ 7·5	+ 4·1	− 1·1	− 6·2	−10·1	−**12·6**	−12·1	−12·3	−11·9	−10·1	− 9·2	− 6·2	− 1·4	+ 2·3	+ 4·3	+ 5·7	+ 7·5	+ 7·4
Oct.	86·6	+ 4·3	+ 4·9	+ 5·6	+ 5·9	+ 5·7	+ 6·3	+ **6·5**	+ 5·9	+ 3·4	0·0	− 4·2	− 8·5	−11·3	−**11·4**	−10·9	− 8·9	− 5·0	− 1·5	+ 0·1	+ 1·5	+ 1·9	+ 2·7	+ 3·4	+ 3·6
Nov.	86·2	+ 2·3	+ 3·5	+ 3·6	+ 4·4	+ 4·7	+ 4·9	+ 4·6	+ **5·1**	+ 2·9	+ 0·6	− 2·3	− 5·1	− 7·8	− 7·3	− **7·9**	− 5·2	− 3·1	− 1·7	− 0·9	0·0	+ 0·6	+ 1·0	+ 1·3	+ 1·6
Dec.	87·7	+ **3·1**	+ 3·1	+ 2·3	+ 1·1	+ 2·3	+ 2·3	+ 2·7	+ 2·7	+ 2·7	+ 0·5	− 2·0	− 4·2	− **6·0**	− 5·7	− 5·0	− 4·2	− 2·6	− 1·7	− 1·0	+ 0·2	+ 1·4	+ 2·3	+ 2·8	+ 2·9
Year	80·2	+ 7·5	+ 8·2	+ 8·6	+ 8·9	+ **9·0**	+ 8·1	+ 6·9	+ 4·5	+ 0·8	− 2·5	− 5·8	− 8·6	−10·5	−11·4	−**11·7**	−10·6	− 8·5	− 6·2	− 3·7	− 0·6	+ 1·8	+ 3·9	+ 5·6	+ 6·4

RAINFALL : ANNUAL TOTALS OF HOURLY VALUES.

Amounts, in millimetres ; durations, in hours for periods of sixty minutes between the exact hours, Greenwich Mean Time.

431. Richmond (Kew Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **1925.**

G.M.T.	0 to 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	21 to 22.	22 to 23.	23 to 24.	0 to 24.
Amount	mm. 25·1	mm. 35·4	mm. 25·3	mm. **33·2**	mm. 27·8	mm. 27·3	mm. 36·3	mm. 36·2	mm. 23·3	mm. 22·3	mm. **11·8**	mm. 20·4	mm. 30·6	mm. **44·7**	mm. 26·4	mm. 22·9	mm. 17·0	mm. 32·8	mm. 36·9	mm. 17·8	mm. 16·4	mm. 21·2	mm. 31·2	mm. 26·9	mm. 649·2
Duration	hr. 18·0	hr. 19·2	hr. 22·2	hr. 23·0	hr. 23·0	hr. 24·8	hr. 26·6	hr. **28·1**	hr. 19·5	hr. **12·4**	hr. 13·8	hr. 15·1	hr. 18·6	hr. 22·9	hr. 18·9	hr. 17·5	hr. 14·3	hr. 17·0	hr. 15·2	hr. 14·8	hr. 15·3	hr. 16·1	hr. 18·0	hr. 18·1	hr. 452·4

432. Richmond (Kew Observatory). NOTES ON RAINFALL. **1925.**

Dry Periods.
The outstanding dry period during the year occurred from June 1st to 23rd., 23 days with no rain at all. From June 24th to July 6th the total was only 1·9 mm. Two other periods without rain were from September 29th to October 12th (14 days) and from November 12th to 24th (13 days).

Wet Periods.
The most persistent wet weather was from February 8th to February 16th, and from October 16th to 24th, when rain fell on every day. Rain also fell on every day except the 24th from December 18th to 31st.

Rainfall Duration.
There were 66 calendar days on which the duration of rainfall was registered as 0·1 to 1·0 hour, 30 days with 1·1 to 2·0 hours, 58 days with 2·1 to 6·0 hours, 16 days with 6·1 to 12·0 hours, and 3 days with more than 12 hours. The day with the greatest duration was February 13th, when the duration was 14·7 hours, the amouut falling being 28·8 millimetres.

Continuous Falls.
On August 23rd to 24th, it rained continuously for 10·5 hours, producing 20·1 millimetres, and on February 6th, a continuous fall of 7·4 hours produced 10 millimetres.

Heavy Falls in Short Periods.
On July 22nd, a severe thunderstorm yielded 5 millimetres in 6 minutes, and 10 millimetres in 20 minutes. The rain continued intermittently, 25 millimetres fell in less than 4 hours and 42 millimetres within 11 hours. Falls of 5 millimetres in less than an hour also occurred on July 27th (5 mm. in 48 minutes), August 10th (5 mm. in 6 minutes, 10 mm. in 1 hour), August 21st (5 mm. in 36 minutes), October 22nd (5 mm. in 12 minutes) and December 30th (5 mm. in 30 minutes).

Amounts, in millimetres, for periods of sixty minutes between the exact hours, Greenwich Mean Time.

433. Richmond (Kew Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **January, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	·8	·6	...	...	...	...	...	...	...	...	·2	·4	...	...	...	...	...	...	·4	·4	1·1	(5·5)	(9·4)	(5·4)
2	(2·5)	(·2)	(·1)	(1·5)	(1·5)	(·5)	(·4)	(·7)	(·6)	(·1)	·1	·2	1·2	·1	·5	·1	...	...	...	...	...	...	...	...	**(10·3)**	**(9·0)**
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·3	·3	...	·1	...	·3	1·1	2·6
4	...	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	0·4
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	V...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(⊔)	(⊔)	(⊔)	...	...
7	(⊔)	(⊔)	(·1)	(⊔)	(⊔)	(⊔)	(⊔)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·7	1·7	0·7
9	·2	·3	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(⊔)	(⊔)	(⊔)	0·6	1·1
10	(⊔)	(⊔)	(⊔)	(·1)	(⊔)	(⊔)	(⊔)	(⊔)	(⊔)	(⊔)	...	...	...	...	...	...	...	...	...	...	...	(⊔)	(⊔)	(⊔)	0·1	...
11	(⊔)	(⊔)	(⊔)	(⊔)	(⊔)	(·1)	(⊔)	(⊔)	(⊔)	(⊔)	(⊔)	(⊔)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	0·1	...
12	(≡:)	(≡:)	(·1)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(·1)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	...	...	...	...	...	...	0·2	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	·1	·5	·1	...	·2	·3	·1	·1	·1	...	...	·1	...	...	...	1·6	4·5
15	...	...	...	...	·2	·5	·1	·1	·1	1·2	1·2	1·2	·1	...	·1	...	...	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	4·8	5·5
16	(≡:)	(·1)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	(≡:)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	·1	...	...	...	...	...	0·2	0·7
24	...	...	...	...	...	...	(ρ)	(·1)	(ρ)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	0·1	0·3
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	·1	·1	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	·3	·5	1·1	1·9
28	·4	1·0	·9	1·2	·6	·2	...	·1	...	...	...	...	...	...	...	1·5	1·4	·1	...	...	·2	...	...	...	7·6	8·4
29	...	...	...	...	...	...	...	...	...	·2	·3	·2	...	...	...	...	...	...	...	...	...	...	...	...	0·7	1·7
30	...	...	...	...	...	...	·1	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·8
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	1·4	·1	...	...	·3	...	3·3	1·5
Sum.	3·1	1·6	3·0	3·5	2·3	1·3	0·7	1·5	0·7	1·6	2·1	1·7	1·6	0·8	0·9	1·7	1·6	1·8	1·9	0·4	0·7	0·5	1·7	**8·0**	44·7	44·5
Total Duration.	hr. 2·1	hr. 2·0	hr. 2·4	hr. 2·8	hr. 2·1	hr. 1·9	hr. 1·6	hr. 2·2	hr. 0·9	hr. 1·5	hr. **3·1**	hr. 2·6	hr. 1·4	hr. 1·6	hr. 1·8	hr. 2·0	hr. 1·5	hr. 1·5	hr. 2·3	hr. 1·2	hr. 1·0	hr. ·6	hr. 1·6	hr. 2·8	hr. 44·5	

434. Richmond (Kew Observatory) : H_r = 5·5 metres + 0·53 metres. **February, 1925.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	·4	·5	·7	·6	2·8	3·5	·8	·7	...	...	...	...	...	...	...	...	...	...	...	...	...	10·0	7·4
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	·6	·8	·4	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·9	2·7
9	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·1
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	0·1	0·2
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·8	·5	1·5	1·7
12	...	...	...	...	...	...	...	...	...	...	·6	...	...	...	...	...	...	...	·1	·1	·5	...	...	...	1·3	1·2
13	...	...	2·4	4·3	2·5	2·0	1·8	2·4	3·7	·1	·8	·1	·8	3·2	2·0	1·6	·4	·1	...	...	...	·2	·2	·2	**28·8**	**14·7**
14	·5	2·5	·2	·6	·4	·1	·1	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	4·7	3·8
15	...	...	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·4
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	1·4	0·3
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·9	...	...	...	...	...	...	0·9	0·4
19	...	...	...	...	...	1·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	0·5
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	·1	·1	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	2·1
23	...	...	...	...	...	...	...	...	...	...	...	·4	·3	·7	·4	...	...	·3	...	...	...	·1	...	...	2·2	3·2
24	...	...	...	...	...	...	...	...	·1	...	...	...	1·5	3·2	·2	·9	...	·2	...	...	...	(⊔)	⊔	(⊔)	6·1	2·3
25	(⊔)	(⊔)	(·1)	(⊔)	⊔	⊔	(⊔)	...	...	...	...	...	2·4	3·2	·3	·1	·1	...	...	...	...	...	...	...	6·2	2·4
26	1·3	2·0	1·6	·4	·4	...	...	...	...	...	...	...	·1	·3	·2	·8	·2	·3	2·2	2·3	·3	...	...	...	12·4	7·7
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	·5	1·1	1·3
28	·2	·2	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	1·1
Sum	2·0	4·7	5·3	6·5	4·4	4·0	2·6	5·3	7·4	1·1	2·1	0·5	5·1	**10·6**	3··1	3·8	0·7	1·8	2·3	2·4	0·8	0·5	1·6	2·6	81·2	53·5
Total Duration.	hr. 1·9	hr. 2·3	hr. 3·1	hr. **4·4**	hr. 4·0	hr. 2·7	hr. 2·3	hr. 2·5	hr. 2·5	hr. 1·7	hr. 1·9	hr. 1·3	hr. 2·9	hr. 3·7	hr. 2·7	hr. 2·4	hr. 1·4	hr. 1·8	hr. 1·1	hr. 1·2	hr. 0·5	hr. 1·6	hr. 1·0	hr. 2·6	hr. 53·5	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–77	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts, in millimetres, for periods of sixty minutes between the exact hours, Greenwich Mean Time.

435. Richmond (Kew Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **March, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	·2	·1	·1	...	·1	...	...	0·6	1·4
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	·4	...	...	·2	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	0·7	0·6
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	·2	...	·2	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	1·0
12	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	1·1	·1	·1	2·4	2·5
14	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	0·5	0·6
15	...	...	...	...	...	·2	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·3
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·3	·5	...	...	1·3	2·2
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	·1	0·2	0·1
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	·6	...	...	...	(⌴)	(⌴)	(⌴)	1·3	1·5
23	(⌴)	(⌴)	(·1)	(⌴)	(⌴)	(⌴)	(⌴)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
24	·1	...	...	...	·1	·6	·3	...	...	...	...	...	...	...	...	...	...	·6	·9	·2	...	·1	...	...	**2·9**	**3·7**
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	0·4	0·4	0·1	0·2	0·3	1·0	0·7	0·1	...	...	...	...	...	...	0·1	0·2	0·7	1·4	1·0	0·8	1·4	**2·0**	0·1	0·2	11·1	13·9
Total Duration.	hr. 0·8	hr. 0·3	hr. ...	hr. 0·2	hr. 0·3	hr. 1·5	hr. 1·1	hr. 0·3	hr. ...	hr. ...	hr. ...	hr. ...	hr. ...	hr. ...	hr. 0·1	hr. 0·2	hr. 0·7	hr. 1·7	hr. 0·9	hr. 1·1	hr. 1·6	hr. **2·4**	hr. 0·5	hr. 0·2	hr. 13·9	

436. Richmond (Kew Observatory) : H_r = 5·5 metres + 0·53 metres. **April, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	·3	·9	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·3	1·4
2	...	...	...	...	...	...	...	...	...	...	·2	·6	...	...	...	·1	·6	2·6	...	·4	·1	...	...	...	4·6	4·2
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·2	·3	·1	·4	·4	1·6	4·1
6	·2	·1	·5	·8	·4	·9	1·1	1·5	1·3	1·4	·9	...	·1	...	...	...	...	...	...	...	...	...	...	·6	**9·8**	**8·9**
7	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	·1	...	...	...	...	...	1·3	0·8
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	·4	·3	...	·3	·6	·1	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	...	...	2·1	2·0
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	·4	·8	·6	·1	...	...	...	...	...	...	...	...	1·9	2·7
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·7	·9	1·0	·6	·1	3·8	4·8
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	1·3	...	...	...	...	...	1·4	0·8
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	0·1	0·2
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	·2	·1	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	0·4	0·3
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	·1	1·1	·7	1·0	·5	·5	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	4·0	4·7
24	...	...	...	...	...	...	...	...	...	...	·1	...	·1	...	...	·1	...	...	...	...	·3	...	...	...	0·6	0·7
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	·5	...	...	0·6	0·6
26	...	...	...	...	...	...	...	...	...	...	...	...	...	3·2	·1	·3	·2	...	...	...	...	...	...	...	3·8	1·4
27	...	...	...	·1	...	...	...	·2	·4	...	...	2·0	...	...	...	...	...	...	...	...	...	...	...	...	2·7	1·0
28	...	...	...	...	...	...	...	...	...	·8	...	·1	...	...	...	...	...	·1	·6	...	...	...	...	...	1·6	1·0
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	1·3	...	...	...	...	...	...	...	2·4	0·6
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·2	·3	...	·2	·4	1·2	6·3	3·3
Sum	0·3	0·1	0·9	1·3	1·5	1·9	2·9	2·7	3·1	2·3	1·2	2·7	0·6	4·1	0·8	1·7	2·3	4·0	**6·8**	2·0	1·6	1·8	1·4	2·3	50·3	43·5
Total Duration.	hr. 0·7	hr. 0·1	hr. 1·6	hr. 1·6	hr. 1·5	hr. 1·8	hr. 2·6	hr. 2·6	hr. 3·1	hr. 1·2	hr. 1·3	hr. 1·2	hr. 0·8	hr. 1·8	hr. 1·3	hr. 1·0	hr. 1·6	hr. 2·4	hr. 3·2	hr. **3·4**	hr. 2·1	hr. 2·0	hr. 2·1	hr. 2·5	hr. 43·5	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts, in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

437. Richmond (Kew Observatory) H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L. + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **May, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	·7	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·2	...	...	...	...	...	...	1·2	1·7
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	·4	·8	·5	...	·4	...	...	·2	1·3	3·9	3·7
4	...	·4	·1	...	...	...	...	·4	...	...	...	...	...	...	...	...	...	...	...	...	·3	·6	·8	...	2·6	3·0
5	...	...	·5	·4	·4	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·7	3·7
6	...	...	...	...	...	...	...	·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·9	0·2
7	...	...	·7	·8	...	·3	·2	·3	·1	·4	·6	...	...	...	...	...	·1	...	...	...	...	...	...	...	3·5	2·6
8	...	...	1·2	...	...	...	...	·2	·3	·2	·1	·5	...	...	...	...	...	...	...	...	...	...	...	...	2·5	2·1
9	...	...	...	...	...	...	...	...	...	...	...	·2	·1	...	·1	...	...	...	...	...	...	...	...	...	0·4	0·6
10	...	...	...	...	...	...	...	...	...	...	...	...	·8	·8	...	...	...	...	...	...	...	...	...	...	1·6	1·0
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	2·5	...	2·8	0·7
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·2
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	·1	...	...	...	...	·4	·3	·1	1·4	...	...	...	...	...	...	...	...	...	·3	...	·2	2·5	1·9	**7·2**	3·7
24	·2	·9	·8	·1	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·4	...	...	...	...	...	·1	2·7	3·7
25	·2	·1	·7	·2	·7	2·0	1·5	·1	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·7	4·8
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	·2	...	·7	...	...	...	·1	·3	...	1·3	·7	·4	·2	·5	·6	·3	...	...	...	...	...	...	...	·2	5·5	**7·6**
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	·1	0·2	0·3
30	·1	1·7	·5	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	...	...	...	...	...	...	3·1	2·3
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	1·2	1·2	·1	...	...	...	2·7	1·8
Sum.	1·4	3·3	5·2	1·7	1·1	2·7	2·3	2·6	0·5	3·5	1·5	1·1	1·1	1·3	1·0	1·0	1·2	1·7	1·5	1·9	0·4	0·8	**6·0**	3·6	48·4	43·7
Total Duration.	hr. 2·5	hr. 3·4	hr. **4·8**	hr. 2·7	hr. 1·5	hr. 2·4	hr. 1·7	hr. 2·8	hr. 0·6	hr. 1·5	hr. 1·3	hr. 1·5	hr. 1·6	hr. 1·5	hr. 1·1	hr. 2·1	hr. 1·6	hr. 1·5	hr. 0·5	hr. 1·4	hr. 0·6	hr. 0·6	hr. 2·4	hr. 2·1	hr. 43·7	

438. Richmond (Kew Observatory) : $H_r = 5{\cdot}5$ metres + 0·53 metres. **June, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	·1	·4	·1	·3	·1	...	...	...	...	...	...	...	...	...	**1·0**	**2·3**
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(...)	(·1)	...	...	0·1	(...)
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	...	...	...	...	...	...	...	...	...	...	0·1	**0·4**	0·1	0·3	0·1	...	...	...	...	...	(...)	0·1	...	...	1·1	2·3
Total Duration.	hr. ...	hr. ...	hr. ...	hr. ...	hr. ...	hr. ...	hr. ...	hr. ...	hr. ...	hr. ...	hr. 0·2	hr. 0·5	hr. 0·5	hr. **0·8**	hr. 0·3	hr. ...	hr. ...	hr. ...	hr. ...	hr. ...	hr. ...	hr ...	hr. ...	hr. ...	hr. 2·3	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–34	0–24	—

Amounts, in millimetres, for periods of sixty minutes between the exact hours, Greenwich Mean Time.

439. Richmond (Kew Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **July, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	...	0·7	0·4
7	...	...	...	...	...	1·8	4·5	3·1	·5	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10·0	3·5
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
19	...	...	...	...	...	...	·9	3·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·7	1·0
20	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	·4	...	...	...	...	...	...	·2	1·6	0·8
21	...	...	...	1·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	0·4
22	·7	9·7	1·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·2	11·5	3·5	1·3	5·2	7·9	·1	**47·0**	**6·9**
23	·8	3·9	·8	2·0	·3	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·1	3·4
24	·5	·4	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·3	2·5
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	·2	...	3·1	...	·6	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·0	1·9
27	·2	...	·4	·1	...	...	...	·7	1·1	1·1	...	·1	...	·1	1·9	2·0	...	·1	4·9	...	...	...	...	...	12·7	6·2
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	·2	·2	...	...	...	...	...	...	...	...	·3	...	...	0·7	1·0
30	...	·2	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·3
31	...	...	...	...	1·2	3·2	1·5	·7	·4	·1	·1	...	·1	...	...	...	...	...	...	...	...	...	...	...	7·3	4·8
Sum.	2·2	14·2	3·7	3·2	1·7	5·4	10·0	8·3	2·6	1·4	0·2	1·3	0·4	0·1	1·9	2·0	0·4	5·3	**16·4**	3·5	1·3	5·5	8·6	0·3	99·9	33·7
Total Duration.	hr. 1·5	hr. 2·9	hr. 3·1	hr. 1·3	hr. 1·4	hr. 2·0	hr. 3·2	hr. 2·9	hr. **3·4**	hr. 0·7	hr. 0·3	hr. 0·9	hr. 0·7	hr. 0·5	hr. 1·0	hr. 1·0	hr. 0·2	hr. 1·1	hr. 1·2	hr. 1·0	hr. 0·7	hr. 1·1	hr. 1·4	hr. 0·2	hr. 33·7	

440. Richmond (Kew Observatory) : H_r = 5·5 metres + 0·53 metres. **August, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	·5	1·3	...	...	...	...	...	...	...	...	...	...	...	1·8	0·6
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	·2	·2	·2	·1	...	...	·5	1·4	·5	·3	...	·1	·6	4·1	6·2
5	·3	·8	·4	·3	·4	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·3	5·2
6	...	...	...	...	...	...	...	...	...	...	...	·5	·1	...	·5	·3	...	...	...	...	...	...	...	...	1·4	0·9
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·2
9	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	·5	·6	·3	·5	...	2·0	1·7
10	...	...	...	...	...	...	...	...	...	...	...	...	·3	·2	·2	·1	·2	10·0	·1	...	...	...	...	...	11·1	3·3
11	...	...	...	...	...	...	...	...	...	...	...	...	2·0	...	...	...	...	·9	...	...	...	...	...	...	2·9	1·3
12	...	...	...	...	...	...	...	...	...	...	·1	...	·1	·1	·1	...	...	...	...	...	...	...	·3	...	0·7	1·4
13	...	...	...	...	...	...	·2	2·5	...	...	...	...	...	...	...	...	...	...	...	...	...	(p)	(p)	(p)	2·7	1·1
14	(p)	(p)	(·1)	(p)	(p)	(p)	(p)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	1·0	·3	...	·1	...	...	·6	5·9	...	...	...	...	...	...	...	...	...	...	...	...	7·9	1·9
22	...	...	...	...	...	...	·3	...	...	...	...	...	...	·3	2·2	·1	...	...	...	...	...	...	...	...	2·9	2·1
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	1·1	2·5	1·4
24	1·7	1·7	·9	1·0	2·6	2·0	2·4	2·6	2·5	·2	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	**17·7**	**9·3**
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	3·1	1·2	·2	·3	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	5·1	2·5
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum	2·0	2·5	1·4	1·3	4·0	2·7	6·1	6·4	2·7	0·5	1·0	7·1	4·1	0·8	3·1	0·5	0·2	**11·4**	1·5	1·0	0·9	0·3	2·3	1·7	65·5	39·1
Total Duration.	hr. 2·0	hr. 2·0	hr. 2·0	hr. 2·0	hr. 2·3	hr. 1·6	hr. 2·2	hr. **3·1**	hr. 1·1	hr. 0·4	hr. 1·0	hr. 2·0	hr. 2·4	hr. 2·0	hr. 2·0	hr. 0·5	hr. 0·5	hr. 2·1	hr. 1·4	hr. 1·3	hr. 1·2	hr. 0·5	hr. 1·6	hr. 1·9	hr. 39·1	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts, in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

441. Richmond (Kew Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **September, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–2	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	·4	...	...	...	...	...	...	1·0	1·2
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·4
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	·1	...	...	...	...	...	...	...	0·8	0·3
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	1·2	·8	·1	...	·1	1·2	...	...	...	4·6	3·2
6	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	·8	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·9	0·4
9	...	...	...	...	...	·1	...	·1	...	...	·4	·3	·8	·5	...	...	...	...	...	·1	·6	...	...	...	2·9	5·4
10	...	...	...	2·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·0	0·6
11	1·0	1·3	...	...	...	...	...	...	...	...	...	...	·7	·7	·3	...	·7	...	...	...	...	...	...	...	4·7	2·6
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	·4	·5	2·1	·7	...	...	...	...	...	...	...	...	...	3·7	1·1
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	1·0	·1	...	...	1·5	1·9	2·7	1·5	·4	...	...	...	...	...	...	...	9·1	5·3
20	...	...	...	...	...	...	...	...	...	...	...	1·0	1·2	3·8	·9	...	...	...	...	...	1·1	2·1	1·4	·7	**12·2**	**6·0**
21	·1	...	...	...	...	...	...	...	...	...	...	...	...	4·5	...	·1	...	...	...	...	...	...	...	...	4·7	0·4
22	...	...	...	...	...	...	·1	·2	·6	·1	...	...	1·1	·8	...	1·2	4·3	...	...	...	...	·2	...	...	8·6	4·1
23	...	·1	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	·1	...	...	...	...	...	...	0·4	0·6
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·2	·6	·5	·6	1·1	3·2	5·2
26	1·3	·8	·1	...	...	...	...	...	...	...	...	...	...	·1	·9	·4	...	...	...	...	...	...	...	...	3·6	2·5
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·4	0·6	1·0
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	2·4	2·2	0·1	2·0	...	0·1	0·9	0·9	1·6	0·2	0·5	1·7	5·8	**14·5**	6·8	5·1	6·9	0·7	0·1	0·4	3·5	2·9	2·1	2·2	63·6	40·5
Total Duration.	hr. 1·4	hr. 1·3	hr. 0·1	hr. 0·6	hr. ...	hr. 0·8	hr. 1·6	hr. 1·6	hr. 2·0	hr. 0·2	hr. 0·7	hr. 0·5	hr. 3·0	hr. **4·9**	hr. 3·5	hr. 3·0	hr. 3·1	hr. 0·9	hr. 0·2	hr. 1·2	hr. 2·7	hr. 2·3	hr. 2·1	hr. 2·8	hr. 40·5	

442. Richmond (Kew Observatory) : H_r = 5·5 metres + 0·53 metres. **October, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	·1	·1	1·0	·3	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·8	2·9
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	·1	·4	·3	·2	·5	·9	·9	·5	·4	·4	...	·1	·2	...	·5	·1	...	...	...	...	...	...	...	5·5	7·9
17	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·2
18	...	...	...	...	...	...	...	...	1·4	·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·3	1·5
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	1·1	1·0	·3	·9	1·6	1·5	·5	7·1	6·5
20	2·9	1·8	·7	2·5	2·5	1·3	·2	·8	·4	·6	·1	...	·5	3·2	·1	...	...	...	...	...	...	...	...	...	17·6	**9·3**
21	...	·6	·1	·2	·7	...	·3	·1	·1	...	...	...	...	...	·1	...	·1	...	1·1	1·2	·3	1·5	·3	...	6·7	4·9
22	...	·1	·4	4·1	...	...	1·6	·5	...	5·9	...	...	...	·2	·6	2·9	·6	·4	·6	1·7	2·1	...	...	...	**21·7**	7·1
23	...	·3	·5	2·8	·7	·2	...	...	...	...	...	...	...	...	4·3	·3	·4	·1	...	...	...	...	...	...	9·6	4·3
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	...	...	...	...	0·4	0·6
25	(p)	(p)	(p)	(p)	(·1)	(p)	(p)	...	...	...	...	...	...	...	...	(p)	(p)	(·1)	(p)	(p)	...	...	...	...	0·2	...
26	...	...	...	·1	·4	·1	·1	...	...	·1	...	·5	1·2	1·4	...	·5	·1	...	·1	...	...	...	...	...	4·6	4·6
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·1
Sum.	2·9	3·2	2·1	**10·0**	4·7	2·2	4·1	2·7	2·7	7·9	0·5	0·5	1·8	5·0	·1	4·2	1·5	2·1	2·8	3·2	3·3	3·1	1·8	0·5	77·9	49·9
Total Duration.	hr. 1·0	hr. 2·4	hr. 2·0	hr. 3·3	hr. **3·8**	hr. 3·4	hr. 3·6	hr. 3·3	hr. **3·8**	hr. 2·1	hr. 0·9	hr. 0·2	hr. 0·5	hr. 1·7	hr. 1·8	hr. 3·0	hr. 2·1	hr. 1·8	hr. 2·5	hr. 1·7	hr. 2·0	hr. 1·5	hr. 1·2	hr. 0·3	hr. 49·9	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts, in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

443. Richmond (Kew Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **November, 1925.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	1·2	2·2	1·7	5·8	3·9
2	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·6
3	...	1·9	2·8	1·0	·4	·1	·2	·7	·1	·1	(...)	(...)	(...)	(...)	(...)	(·1)	(...)	(...)	...	·2	...	...	...	...	7·6	5·8
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·5	·2	...	...	...	...	0·8	0·7
5	...	...	...	...	...	...	...	...	...	...	...	·6	·5	...	...	...	...	...	...	...	...	...	...	...	1·1	0·9
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	·7	·9	·8	1·4	2·3	·9	·2	·5	...	...	...	...	...	1·0	·3	·5	1·1	1·6	·1	...	...	...	...	...	**12·3**	**9·8**
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	·3	1·7	1·7	·3	(...)	(·1)	...	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	4·3	2·8
11	...	...	...	...	...	...	...	·4	...	...	(...)	(...)	...	...	...	(·1)	...	...	...	...	...	...	...	...	0·5	0·5
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	·1	·2	1·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	1·7
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	·6	1·0	·2	...	...	...	...	...	...	...	...	...	...	...	...	1·8	1·9
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	...	·5	0·8	0·9
30	·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	0·8	0·8
Sum.	1·9	2·8	3·6	2·7	**4·4**	2·8	0·9	2·7	0·2	0·7	1·1	0·9	0·5	1·0	0·3	0·7	1·1	1·7	0·6	0·4	0·9	1·3	2·3	2·2	37·7	30·3
Total Duration.	hr. 1·8	hr. 1·5	hr. 2·0	hr. 2·2	hr. 3·0	hr. 2·4	hr. 2·1	hr. **3·2**	hr. 0·2	hr. 0·8	hr. 1·2	hr. 1·0	hr. 0·4	hr. 0·6	hr. 0·3	hr. 0·4	hr. 0·6	hr. 0·8	hr. 0·5	hr. 0·3	hr. 1·3	hr. 1·2	hr. 1·2	hr. 1·3	hr. 30·3	

444. Richmond (Kew Observatory) : H_r = 5·5 metres + 0·53 metres. **December, 1925.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·2
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(⊔)	(⊔)	(⊔)	(⊔)	(⊔)	(⊔)	...	...
6	(⊔)	(⊔)	(⊔)	(⊔)	·1	(⊔)	(⊔)	(⊔)	(⊔)	(⊔)	...	...	...	...	...	...	...	...	(⊔)	(⊔)	(⊔)	(⊔)	(⊔)	(⊔)	0·1	...
7	(⊔)	(·1)	(⊔)	(⊔)	(⊔)	(⊔)	(⊔)	(⊔)	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	0·3	0·2
8	·2	...	...	...	...	...	1·7	·9	...	·4	...	...	...	...	...	·1	...	...	...	...	·3	·6	·3	...	4·5	2·2
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	0·1	0·2
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	...	...	...	0·2	0·3
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·6
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·9	·7	...	2·0	2·4
20	·2	·2	·2	·6	·8	·6	·3	·1	...	...	·3	·6	·9	·5	·7	·6	·4	·1	·1	...	...	...	...	...	7·2	**12·2**
21	...	...	...	...	...	...	...	...	...	...	...	·1	1·6	1·0	...	...	...	...	...	...	...	...	...	...	2·7	2·4
22	...	...	...	...	·9	·8	·6	1·2	·5	·6	·9	·3	·6	2·2	1·0	1·0	...	·3	·4	·5	...	...	...	...	11·8	**12·2**
23	·3	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	...	0·7	1·6
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	·2	·4	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	·1	·6	·8	...	2·4	4·1
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	·4	·1	...	...	1·7	0·9
27	...	...	...	·3	1·6	·2	...	...	...	...	...	...	...	...	...	...	...	·1	1·3	...	...	...	·3	...	3·8	3·0
28	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	1·5	·2	...	·1	...	...	...	·1	·1	...	2·1	1·5
29	...	...	...	...	...	...	·1	·3	·2	·7	(...)	(...)	(·1)	(...)	(...)	(·1)	(...)	·1	...	...	·1	...	·2	·6	2·5	2·6
30	·2	·1	·2	...	...	1·2	1·5	·4	·9	1·3	·2	1·4	5·3	2·2	...	...	...	...	...	...	...	...	·9	2·7	**18·5**	9·3
31	5·6	...	...	...	...	...	...	...	...	...	...	...	1·1	·1	...	...	...	...	·1	...	...	...	...	...	6·9	1·6
Sum	6·5	0·6	0·4	0·9	3·6	3·3	4·5	3·1	1·6	3·0	1·4	2·4	**9·6**	6·2	3·2	2·0	0·4	0·8	2·0	1·8	1·6	2·3	3·3	3·3	67·8	57·5
Total Dura-	hr. 2·3	hr 1·0	hr. 1·1	hr. 1·9	hr. 3·1	hr. 4·3	hr. **4·6**	hr. 3·6	hr. 1·9	hr. 2·3	hr. 1·9	hr. 3·4	hr. 4·4	hr. 3·8	hr. 3·0	hr. 1·9	hr. 1·0	hr. 1·4	hr. 1·4	hr. 1·0	hr. 1·6	hr. 2·3	hr. 2·9	hr. 1·4	hr. 57·5	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0·24	—

*R

For periods of sixty minutes, between the exact hours of Local Apparent Time.

445. Richmond (Kew Observatory) : h_s (Height of recorder above ground) = 13·3 metres. **January, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon, Ångström Pyrheliometer.		
																					Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
2	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
3	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
4	—	—	—	—	—	...	·6	1·0	·9	1·0	·3	·4	...	—	—	—	—	—	4·2	53	...	...	...
5	—	—	—	—	—	·3	·7	1·0	1·0	1·0	1·0	·3	...	—	—	—	—	—	**5·3**	**67**	Clear	62	17
6	—	—	—	—	—	...	·7	1·0	1·0	1·0	1·0	·5	...	—	—	—	—	—	5·2	65	Clear	59	16
7	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
8	—	—	—	—	—	·1	·6	·8	1·0	1·0	·1	...	...	—	—	—	—	—	3·6	45	Clear	56	16
9	—	—	—	—	—	...	...	·5	1·0	1·0	1·0	·8	...	—	—	—	—	—	4·3	53	Clear	46	13
10	—	—	—	—	—	...	...	...	·6	1·0	·2	...	...	—	—	—	—	—	1·8	22	Sl. Fog.	16	5
11	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
12	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
13	—	—	—	—	...	...	...	...	·5	·2	...	...	...	...	—	—	—	—	0·7	9	...	...	...
14	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
15	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
16	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
17	—	—	—	—	...	...	...	...	...	...	·1	...	...	...	—	—	—	—	0·1	1	...	...	...
18	—	—	—	—	...	...	...	...	·4	·4	·1	...	...	...	—	—	—	—	0·9	11	...	...	...
19	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
20	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
21	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
22	—	—	—	—	...	...	...	...	·3	1·0	1·0	1·0	...	...	—	—	—	—	3·3	38	...	...	...
23	—	—	—	—	...	·1	·7	·7	·8	1·0	·7	·4	·4	...	—	—	—	—	4·8	56	Clear	69	23
24	—	—	—	—	...	...	1·0	1·0	·2	·1	·7	·6	...	...	—	—	—	—	3·6	41	...	...	...
25	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
26	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
27	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
28	—	—	—	—	...	...	...	...	...	·7	...	...	...	...	—	—	—	—	0·7	8	Mist	33	12
29	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
30	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
31	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
Sum.	—	—	—	—	0·0	0·5	4·3	6·0	7·7	**9·4**	6·2	4·0	0·4	0·0	—	—	—	—	38·5	—	—	—	—
Mean	—	—	—	—	0·00	0·02	0·14	0·19	0·25	**0·30**	0·20	0·13	0·01	0·00	—	—	—	—	1·24	15	—	—	—

446. Richmond (Kew Observatory) : h_s = 13·3 metres. **February, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	—	—	...	·7	·5	...	·3	·3	·1	·6	·1	...	—	—	—	—	2·6	29	...	...	...
2	—	—	—	—	...	...	...	·3	...	...	...	...	...	...	—	—	—	—	0·3	3	Clear	49	18
3	—	—	—	—	...	...	...	...	...	·1	...	...	...	...	—	—	—	—	0·1	1	...	...	...
4	—	—	—	—	...	...	·9	·4	·3	·9	·7	·7	·2	...	—	—	—	—	4·1	44	Clear	63	24
5	—	—	—	—	...	...	·1	...	...	·9	·1	...	...	...	—	—	—	—	1·1	12	...	...	...
6	—	—	—	—	...	...	...	...	...	·1	...	...	...	...	—	—	—	—	0·1	1	...	...	...
7	—	—	—	—	...	·8	1·0	1·0	·9	·8	·8	1·0	·8	·1	—	—	—	—	7·2	**77**	Clear	67	27
8	—	—	—	—	...	...	...	...	...	...	·1	...	...	...	—	—	—	—	0·1	1	...	...	...
9	—	—	—	—	...	·7	·9	·6	·2	...	·4	·7	...	...	—	—	—	—	3·5	37	...	...	...
10	—	—	—	—	...	...	...	·1	·6	...	...	...	...	...	—	—	—	—	0·7	7	Clear	70	29
11	—	—	—	—	...	...	...	...	...	...	·1	...	...	...	—	—	—	—	0·1	1	...	...	...
12	—	—	—	—	...	...	...	·2	·6	·7	·9	1·0	·9	·2	—	—	—	—	4·5	46	Clear	67	28
13	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
14	—	—	—	—	...	·4	·1	...	...	·1	...	·3	·1	...	—	—	—	—	1·0	10	...	...	...
15	—	—	—	—	...	...	...	...	...	...	...	·1	...	...	—	—	—	—	0·1	1	...	...	...
16	—	—	—	—	...	·5	1·0	1·0	·9	1·0	·7	·2	·3	...	—	—	—	—	5·6	56	...	...	...
17	—	—	—	—	...	...	·1	·2	...	·3	...	·4	·5	...	—	—	—	—	1·5	15	...	...	...
18	—	—	—	...	·2	...	...	...	·6	·7	·5	·9	·9	...	...	—	—	—	3·8	38	...	...	...
19	—	—	—	...	...	·8	·5	...	·3	·7	·9	...	...	...	...	—	—	—	3·2	31	...	...	...
20	—	—	—	...	...	...	1·0	1·0	·8	·4	·4	·1	·2	...	...	—	—	—	3·9	38	Clear	59	27
21	—	—	—	...	...	...	...	·3	·2	·5	...	...	...	...	...	—	—	—	1·0	10	Haze	34	16
22	—	—	—	...	...	...	...	...	...	...	·1	...	...	...	...	—	—	—	0·1	1	...	...	...
23	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
24	—	—	—	...	·3	·5	...	...	...	...	...	...	·2	·4	...	—	—	—	1·4	13	...	...	...
25	—	—	—	...	·7	1·0	5·	...	...	...	...	...	...	...	...	—	—	—	2·2	21	...	...	...
26	—	—	—	...	·2	·6	...	·3	·6	·3	·2	·2	...	...	...	—	—	—	2·4	23	Haze	37	19
27	—	—	—	...	·3	·6	·3	·1	·1	·2	...	...	...	...	...	—	—	—	1·6	15	...	...	...
28	—	—	—	...	·6	·4	·7	1·0	1·0	·7	·8	1·0	·8	·6	...	—	—	—	**7·6**	71	Clear	73	37
Sum.	—	—	—	0·0	2·3	7·0	7·6	6·5	7·4	**8·7**	6·8	7·2	5·0	1·3	0·0	—	—	...	59·8	—	—	—	—
Mean	—	—	—	0·00	0·08	0·25	0·27	0·23	0·26	**0·31**	0·24	0·26	0·18	0·05	0·00	—	—	—	2·14	22	—	—	—
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Sky.	Total.	Vertical.
																					Radiation at Noon, Ångström Pyrheliometer.		

For periods of sixty minutes, between the exact hours of Local Apparent Time.

447. Richmond (Kew Observatory) : h_s (Height of recorder above ground) = 13·3 metres. **March, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon. Ångström Pyrheliometer. Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	—	...	...	...	...	·1	·7	·4	...	...	...	...	...	—	—	—	1·2	11	...	...	...
2	—	—	—	...	...	...	·3	·1	·1	·9	·1	...	...	...	...	—	—	—	1·5	14	...	...	...
3	—	—	—	...	...	...	·2	·3	·3	·4	...	...	...	...	...	—	—	—	1·2	11	...	...	...
4	—	—	—	...	...	...	·2	...	·3	...	·2	·3	...	...	...	—	—	—	1·0	9	...	...	...
5	—	—	—	...	...	...	...	...	...	...	·2	·1	...	...	...	—	—	—	0·3	3	...	...	...
6	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
7	—	—	—	...	...	·7	·7	·8	·1	...	·2	·3	...	...	...	—	—	—	2·8	25	...	...	...
8	—	—	—	·1	1·0	1·0	·9	·9	·6	·8	·7	·5	·6	·2	...	—	—	—	7·3	65	...	...	...
9	—	—	—	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	·4	...	—	—	—	8·0	71	Clear.	66	37
10	—	—	—	...	·9	1·0	1·0	1·0	1·0	·9	1·0	1·0	·7	...	...	—	—	—	**8·5**	**75**	Clear.	69	39
11	—	—	—	...	...	...	...	...	...	...	·5	·3	·9	...	...	—	—	—	1·7	15	...	...	...
12	—	—	—	...	·1	·9	·3	·1	·9	·9	·5	·4	·7	·3	...	—	—	—	5·1	44	...	...	...
13	—	—	—	...	·3	1·0	·9	·7	...	...	...	...	...	...	...	—	—	—	2·9	25	Ast & M	7	4
14	—	—	—	...	...	·3	...	·5	·2	·5	...	...	...	...	...	—	—	—	1·5	13	...	...	...
15	—	—	—	...	...	...	·1	·9	·2	...	·3	...	...	·5	...	—	—	—	2·0	17	...	...	...
16	—	—	—	...	...	...	...	·9	1·0	1·0	1·0	·7	·7	...	...	—	—	—	5·3	45	Haze	48	29
17	—	—	—	...	·5	·7	·3	·1	·3	·1	...	...	...	...	...	—	—	—	2·0	17	...	...	...
18	—	—	—	...	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	·6	...	...	—	—	—	7·3	61	Ci. haze	22	13
19	—	—	—	...	...	...	...	·3	...	...	...	...	...	...	...	—	—	—	0·3	3	...	...	...
20	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
21	—	—	...	...	...	...	...	·1	·1	·1	·4	·3	·2	·4	...	...	—	—	1·6	13	...	...	...
22	—	—	...	...	...	·8	·1	·5	·9	·9	·9	·7	·8	·2	...	...	—	—	5·8	48	...	...	...
23	—	—	...	...	...	·8	1·0	1·0	·8	1·0	·8	·1	·1	...	...	...	—	—	5·6	46	Sl. haze	46	29
24	—	—	...	...	...	...	·1	·8	·7	...	...	·3	...	·1	...	...	—	—	2·0	16	...	...	...
25	—	—	...	...	·1	...	...	·5	·8	·8	·3	·7	·3	·7	...	...	—	—	4·2	34	Clear	69	44
26	—	—	...	...	...	...	...	...	...	...	...	...	·2	·2	...	...	—	—	0·4	3	...	...	...
27	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
28	—	—	...	...	...	...	...	...	·6	·4	...	...	...	...	...	...	—	—	1·0	8	Clear	73	49
29	—	—	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	—	—	0·1	1	...	...	...
30	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
31	—	—	...	...	...	...	...	...	...	...	...	·1	·1	...	...	...	—	—	0·2	2	...	...	...
Sum.	—	—	0·0	0·1	3·1	8·9	8·1	11·6	**11·7**	11·1	9·1	9·8	6·3	3·0	0·0	0·0	—	—	80·8	—	—	—	—
Mean	—	—	0·00	0·00	0·10	0·29	0·26	0·37	**0·38**	0·36	0·29	0·25	0·20	0·10	0·00	0·00	—	—	2·61	22	—	—	—

448. Richmond (Kew Observatory) : $h_s = 13·3$ metres. **April, 1925.**

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	...	...	...	...	...	...	·7	·7	·8	1·0	·9	...	...	...	—	—	4·1	32	Clear	76	52
2	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
3	—	—	...	...	...	...	...	·5	·9	1·0	1·0	1·0	1·0	1·0	·9	...	—	—	7·3	56	Clear	75	52
4	—	—	...	...	...	...	...	...	·2	·2	·7	·8	·9	1·0	·8	...	—	—	4·6	35	...	...	...
5	—	—	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	—	—	0·2	2	...	...	...
6	—	—	...	...	...	...	...	...	...	·2	·5	·7	·3	·1	...	...	—	—	1·8	14	...	...	...
7	—	—	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	—	—	0·3	2	...	...	...
8	—	—	...	...	·8	·9	1·0	1·0	1·0	1·0	1·0	·9	1·0	·6	...	...	—	—	**9·2**	**69**	...	...	...
9	—	—	...	...	...	...	·8	·4	·3	·1	...	...	...	...	...	...	—	—	1·6	12	Haze	32	23
10	—	—	...	...	...	...	...	·1	·1	·2	·2	·3	·3	...	...	...	—	—	1·2	9	...	...	...
11	—	—	...	...	·3	1·0	1·0	·9	·9	1·0	·9	·9	1·0	·3	...	...	—	—	8·2	61	...	...	...
12	—	—	...	...	...	·2	1·0	·9	·2	...	·1	·4	·1	·1	...	...	—	—	3·0	22	...	...	...
13	—	—	...	·7	1·0	1·0	·6	...	...	...	...	...	...	...	...	...	—	—	3·3	24	...	...	...
14	—	—	...	·9	1·0	1·0	1·0	·7	4	·5	·5	...	...	...	...	...	—	—	6·0	44	...	...	...
15	—	—	...	...	...	...	·1	...	...	...	·8	·1	·7	...	·1	·1	—	—	1·9	14	...	...	...
16	—	—	·3	·6	·8	·1	...	·3	·4	·3	·4	·8	·9	...	...	...	—	—	4·9	36	...	...	...
17	—	—	...	·7	1·0	·9	1·0	·3	·4	·5	·7	·5	·9	1·0	·5	...	—	—	8·4	60	...	...	...
18	—	—	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	—	—	0·2	1	...	...	...
19	—	—	...	...	·1	...	...	·2	·1	...	...	...	...	...	...	...	—	—	0·4	3	...	...	...
20	—	—	...	...	...	·5	·2	·1	·4	·1	·4	·8	·7	·4	·8	·4	...	—	4·8	34	...	...	...
21	—	...	...	...	·4	·1	·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·6	...	...	—	8·4	60	...	...	...
22	—	...	...	...	1·0	1·0	·7	·8	1·0	1·0	1·0	·8	·2	...	...	...	...	—	7·5	53	Haze	71	55
23	—	...	...	...	...	...	...	...	...	...	...	·3	·3	·2	·7	·5	...	—	2·0	14	...	...	...
24	—	...	·4	1·0	1·0	·9	·8	·4	·5	·2	1·0	·3	·7	·6	·4	...	...	—	8·2	57	...	...	...
25	—	...	·5	·9	1·0	1·0	·9	·1	·5	·6	·3	...	·7	·4	...	...	...	—	6·9	48	Clear	82	64
26	—	...	·1	·6	1·0	·6	·3	·6	·2	·7	...	·5	·3	...	·1	...	...	—	5·0	34	...	...	...
27	—	...	...	...	...	...	·8	·7	·1	·1	·3	·3	...	...	...	...	...	—	2·3	16	...	...	...
28	—	...	...	...	...	·1	·2	·3	·1	·4	·7	·6	·9	·6	·3	...	...	—	4·2	29	...	...	...
29	—	...	...	·7	·9	1·0	1·0	1·0	·7	·3	·9	·4	...	·2	...	...	...	—	7·1	49	Haze	65	52
30	—	...	...	...	·6	1·0	1·0	·7	·9	1·0	1·0	·4	...	·9	·6	...	...	—	8·1	55	...	...	...
Sum	—	0·0	1·3	6·1	10·9	11·5	12·7	11·0	11·0	11·1	**14·5**	12·8	12·8	8·4	6·0	1·0	0·0	—	131·1	—	—	—	—
Mean	—	0·00	0·04	0·20	0·36	0·38	0·42	0·37	0·37	0·37	**0·48**	0·43	0·43	0·28	0·20	0·03	0·00	—	4·37	32	—	—	—
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Sky. Radiation at Noon. Ångström Pyrheliometer.	Total.	Vertical.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

449. Richmond (Kew Observatory) : h_s (Height of recorder above ground) = 13·3 metres. **May, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon. Ångström Pyrheliometer. Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	...	...	...	...	·3	·8	·2	·4	·1	·1	·4	·7	·3	·2	...	...	—	3·5	24	...	...	...
2	—	...	...	·7	1·0	1·0	1·0	0·4	·3	·7	...	...	...	·2	...	...	...	—	5·3	36	...	...	...
3	—	...	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	0·4	3	...	...	...
4	—	...	...	...	...	...	...	...	...	...	·1	·2	...	·2	·6	...	...	—	1·1	7	...	...	...
5	—	...	...	...	·1	·9	·6	·4	...	·1	·2	...	...	·2	...	·3	...	—	2·8	19	...	...	...
6	—	...	·2	·8	·3	·1	·1	·9	·9	1·0	·9	1·0	·9	·9	·8	·7	...	—	9·5	63	...	...	...
7	—	...	...	...	·2	·9	·6	·7	·9	·8	·7	·4	·3	·1	·5	·2	...	—	6·3	42	Clear	80	66
8	—	...	...	...	...	...	...	...	...	...	...	·1	·6	·4	·6	·2	...	—	1·9	13	...	...	...
9	—	...	...	·2	1·0	1·0	1·0	·9	·8	·7	1·0	·7	·8	·7	·3	·3	...	—	9·4	62	...	...	...
10	—	...	·3	·5	·3	·4	...	·2	·2	...	...	·3	·5	·9	·5	1·0	...	—	5·1	34	...	...	...
11	—	...	...	·9	·9	·2	·5	·8	·9	4	·3	·9	·4	...	·3	...	...	—	6·5	42	...	...	...
12	—	...	...	·3	·8	·7	·9	·8	·9	1·0	1·0	1·0	1·0	·9	·8	1·0	...	—	11·1	72	Clear	78	65
13	—	...	·9	1·0	·2	·9	1·0	1·0	·8	·5	·3	1·0	·8	·2	...	1·0	...	—	9·6	62	Clear	77	65
14	—	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	·7	·7	1·0	·4	...	—	11·7	75	Haze	50	42
15	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	1·0	1·0	·7	...	...	—	**12·4**	**80**	Haze	53	45
16	—	...	...	...	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	·4	...	—	9·9	63	Haze	43	37
17	—	...	...	...	...	·3	1·0	1·0	1·0	1·0	1·0	·8	·9	·8	·4	·6	...	—	8·8	56	...	...	...
18	—	...	...	·1	·5	1·0	1·0	·9	...	...	...	...	...	·1	·1	...	...	—	3·7	24	...	...	...
19	—	...	...	...	...	·4	·4	·1	·5	·4	·2	·6	·1	...	·6	...	...	—	3·3	21	...	...	...
20	—	...	...	...	...	...	...	·1	·4	·9	1·0	·9	1·0	1·0	1·0	·9	·3	—	7·5	48	...	...	...
21	—	...	·8	1·0	1·0	·9	·9	·7	·8	·4	...	·2	·6	·1	...	·1	...	—	7·5	47	...	...	...
22	—	...	...	...	·1	1·0	1·0	·7	·1	·5	·7	·5	·9	1·0	·3	...	...	—	6·8	43	...	...	...
23	—	...	...	...	...	...	·2	·2	·1	...	·1	·1	·2	...	...	...	...	—	0·9	6	...	...	...
24	—	...	...	...	·2	·9	·9	·6	...	·4	1·0	...	...	...	...	...	...	—	4·0	25	...	...	...
25	—	...	...	...	...	·4	...	·7	·8	·6	·2	·4	·9	·7	·2	...	·1	—	5·0	31	...	...	...
26	—	·1	1·0	1·0	1·0	·9	·3	·8	·7	·9	·1	·6	1·0	·6	...	...	...	—	9·0	56	...	...	...
27	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...
28	—	...	·5	9·	1·0	·9	1·0	·9	1·0	·9	·7	1·0	·9	1·0	1·0	·7	...	—	**12·4**	77	Clear	85	74
29	...	...	·5	1·0	·7	·1	·1	·3	·5	·5	·2	...	·4	·5	...	...	...	...	4·8	30	Clear	88	76
30	...	...	·3	1·0	·9	·9	·9	1·0	·9	·8	·8	·2	·4	·3	·4	·4	...	...	9·2	57	...	...	...
31	...	·2	1·0	1·0	1·0	·9	·8	·9	·9	·8	·8	·6	...	·9	·3	...	...	...	10·1	62	...	...	...
Sum	0·0	0·3	6·8	12·4	13·2	17·8	18·0	**18·2**	16·8	16·4	14·4	14·6	16·0	14·7	11·3	8·2	0·4	0·0	199·5	—	—	—	—
Mean	0·00	0·01	0·22	0·40	0·43	0·57	0·58	**0·59**	0·54	0·53	0·46	0·47	0·52	0·47	0·36	0·26	0·01	0·00	6·44	41	...	—	—

450. Richmond (Kew Observatory) : h_s = 13·3 metres. **June, 1925.**

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total. for Day.	Per cent. of Possible.	Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cw²	mw/cm²
1	...	·1	1·0	1·0	1·0	1·0	1·0	·7	·7	·7	·8	·5	·4	·2	·8	·1	...	...	10·0	62	Clear	89	78
2	...	...	...	...	·6	1·0	·9	·8	·7	·7	1·0	·8	·6	·7	·8	·8	...	...	9·4	·58	...	...	...
3	...	...	·7	1·0	1·0	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	1·0	1·0	·8	·1	...	13·5	83	Cirrus	70	61
4	...	·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	**14·7**	**90**	Haze	77	67
5	...	...	...	·2	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	...	12·5	76	Haze	65	57
6	...	...	...	·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	1·0	·9	·3	...	...	...	10·7	65	Ci-st	46	40
7	...	...	·1	·9	1·0	1·0	1·0	1·0	1·0	·8	·6	·3	·3	·6	·1	·3	...	...	9·0	55	...	...	...
8	...	...	...	...	·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	1·0	1·0	·9	·4	...	11·8	72	Haze	79	69
9	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	...	14·5	88	...	...	...
10	...	·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·1	...	14·4	87	...	...	...
11	...	·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	...	...	14·2	86	A-cu	55	48
12	...	...	...	·2	1·0	1·0	·9	·9	·9	·9	·9	·6	·6	...	...	...	...	...	7·9	48	...	...	...
13	...	...	·4	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·1	·9	...	...	...	11·2	68	Cirrus	57	50
14	...	...	...	...	...	...	...	...	...	...	...	·5	·7	·8	·8	·2	...	...	3·0	18	...	...	...
15	...	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	14·0	85	Clear	77	68
16	...	·5	1·0	1·0	1·0	1·0	1·0	·9	1·0	1·0	·7	·5	·8	·5	·1	·1	...	...	11·1	67	Clear	76	67
17	...	...	...	...	...	...	·2	·5	·4	·5	·4	·4	·9	·6	·4	·4	...	...	4·7	28	Clear	75	67
18	...	·3	1·0	1·0	1·0	·7	1·0	·9	1·0	1·0	·6	·9	·7	·9	1·0	·4	...	...	12·4	75	...	...	...
19	...	...	1·0	1·0	1·0	1·0	1·0	1·0	·2	·5	·8	1·0	1·0	1·0	·6	...	...	...	11·1	67	...	...	...
20	...	...	·7	·8	·7	·8	1·0	1·0	1·0	·9	·9	·2	·1	·9	·3	·1	·6	...	10·0	60	Haze	66	58
21	...	...	...	·1	·2	·1	·1	...	...	...	·2	·5	·5	·7	·6	·3	...	...	3·3	20	...	...	...
22	...	...	·7	1·0	1·0	·2	...	...	...	...	...	...	...	...	...	...	...	...	2·9	17	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	·5	·7	1·0	·9	1·0	·1	...	4·2	25	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	·5	·9	1·0	1·0	1·0	1·0	1·0	·9	·9	·9	·8	·9	·3	...	11·1	67	Clear	81	71
26	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	2	...	...	...
27	...	...	...	...	...	...	...	...	·1	·1	...	...	·1	...	...	...	...	...	0·3	2	...	...	...
28	...	...	...	...	·6	·2	·1	...	...	·1	·7	·5	·7	·7	·9	·5	...	...	5·0	30	...	...	...
29	...	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·7	·6	·5	·5	·8	...	...	11·7	71	Clear	72	63
30	...	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	·7	·9	1·0	1·0	1·0	1·0	6	...	...	12·3	75	...	...	...
Sum.	2·0	2·0	12·1	16·7	**21·5**	20·9	21·2	20·6	19·9	19·9	20·4	19·7	20·4	20·0	18·8	14·1	3·0	0·0	271·2	—	—	—	—
Mean	0·00	0·07	0·40	0·56	**0·72**	0·70	0·71	0·69	0·66	0·66	0·68	0·66	0·68	0·67	0·63	0·47	0·10	0·00	9·40	9·04	—	—	—

Radiation at Noon. Ångström Pyrheliometer.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

451. Richmond (Kew Observatory) : h_s (Height of recorder above ground) = 13·3 metres. **July, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon. Ångström Pyrheliometer. Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	...	...	...	...	·3	1·0	1·0	1·0	·9	·8	·5	·9	1·0	·9	1·0	·7	...	...	10·0	61	...	...	...
2	...	...	...	...	...	...	·4	·7	·9	·9	1·0	·8	·5	1·0	·5	...	...	...	6·7	41	...	...	...
3	...	...	...	...	...	...	·5	...	...	...	...	...	...	...	...	...	...	...	0·5	3	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	·1	·1	...	0·4	2	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	·3	...	...	0·4	2	...	...	...
6	...	...	·7	1·0	1·0	1·0	·9	·9	·5	·8	...	·8	·3	...	·1	...	...	...	8·5	52	...	...	...
7	...	...	...	...	...	...	·1	·4	·4	·8	·9	·8	·4	·9	·4	·6	·2	...	5·9	36	...	...	...
8	...	...	·1	·4	...	...	...	·4	...	·1	·1	...	·3	·1	...	...	...	...	1·5	9	...	...	...
9	...	·3	·8	·8	...	·1	·6	·7	·8	·7	·1	...	...	·4	·9	...	...	...	6·2	38	...	...	...
10	...	·5	·9	·2	...	...	...	...	...	·1	...	...	...	·2	·3	...	...	...	2·2	13	...	...	...
11	...	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·6	·9	·9	1·0	·5	...	...	12·5	77	Clear	82	71
12	...	...	...	...	·9	1·0	1·0	1·0	1·0	·5	...	...	·2	·6	·7	·3	...	...	7·2	44	...	...	...
13	...	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	·6	...	...	**13·2**	**81**	Haze	53	46
14	...	...	·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	...	...	**13·2**	**81**	Haze	73	64
15	...	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	·9	·8	1·0	·8	·2	...	...	...	...	10·4	65	Cirrus	61	53
16	—	...	...	·9	1·0	1·0	·9	1·0	·6	...	...	...	...	...	...	...	...	—	5·4	34	Haze	58	51
17	—	...	·6	1·0	1·0	·9	·9	·7	·8	·5	·2	·4	·8	·8	·1	·3	...	—	9·0	56	...	...	...
18	—	...	...	...	...	...	...	·1	·9	·9	1·0	1·0	·9	·8	·9	1·0	·5	—	8·0	50	Clear	83	71
19	—	...	·6	...	·5	1·0	1·0	·9	·9	·9	1·0	·9	1·0	·4	·8	·4	...	—	10·3	64	...	...	...
20	—	...	...	...	...	...	...	...	·3	·9	·7	1·0	·4	...	...	...	...	—	3·3	21	...	...	...
21	—	...	...	...	...	...	·6	·9	1·0	·4	·5	·8	·1	·4	·7	...	...	—	5·4	34	...	...	...
22	—	...	·1	·8	1·0	1·0	1·0	1·0	1·0	1·0	·4	...	...	...	...	...	...	—	7·3	46	Clear	78	67
23	—	...	...	...	...	...	...	·4	...	...	...	...	...	...	...	...	...	—	0·4	3	...	...	...
24	—	...	...	·6	1·0	1·0	1·0	1·0	·8	·7	...	·1	...	...	·8	·9	...	—	7·9	50	...	...	...
25	—	...	...	...	...	·2	·9	1·0	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	...	—	10·0	64	Haze	67	57
26	—	...	...	...	...	...	...	...	·6	1·0	·9	·9	·8	·8	·7	1·0	...	—	6·7	43	...	...	...
27	—	...	·5	...	...	...	·1	·5	·3	...	...	...	...	·3	·2	·1	...	—	2·0	13	...	...	...
28	—	...	·3	...	...	·3	...	...	...	...	...	·8	·6	1·0	1·0	1·0	·2	—	5·2	33	...	...	...
29	—	·1	·7	...	·1	...	...	...	...	...	...	...	...	·1	·2	...	...	—	1·2	8	...	...	...
30	—	...	...	·8	·7	...	·3	·3	·2	·2	·3	·4	1·0	·1	...	·3	·1	—	4·7	30	...	...	...
31	—	...	...	...	...	...	...	...	...	...	...	...	·2	·2	·1	·8	...	—	1·3	8	...	...	...
Sum.	0·0	0·9	7·7	10·5	11·5	12·5	15·2	**16·9**	**16·9**	16·1	12·7	14·2	13·2	13·3	13·4	10·8	1·1	0·0	186·9	—	—	—	—
Mean.	0·00	0·03	0·25	0·34	0·37	0·40	0·49	**0·55**	**0·55**	0·52	0·41	0·46	0·43	0·43	0·43	0·35	0·04	0·00	6·03	38	—	—	—

452. Richmond (Kew Observatory) : h_s = 13·3 metres. **August, 1925.**

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon. Ångström Pyrheliometer. Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	...	·2	·4	·2	·3	·4	...	...	·3	·6	·7	·1	·3	·6	·4	...	—	4·9	32	...	...	...
2	—	...	·6	·3	·4	·3	·8	·5	·2	·1	·3	...	...	·1	1·0	·7	...	—	5·3	35	...	...	...
3	—	...	·8	·6	·9	·9	·1	·1	...	...	·1	·1	·2	·1	...	...	...	—	3·9	25	...	...	...
4	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...
5	—	...	...	...	...	·1	·2	·5	·6	·2	·8	·6	·6	·9	·2	·6	·1	—	5·4	36	A-st.	16	13
6	—	...	·7	1·0	·7	·3	...	...	...	...	...	·2	...	...	...	·9	...	—	3·8	25	...	...	...
7	—	...	...	...	·4	·3	·8	·5	·7	·6	·8	1·0	1·0	·8	1·0	1·0	·2	—	9·1	60	...	...	...
8	—	...	...	...	·3	·9	·5	·1	·1	·2	·7	·2	·9	·8	·6	...	...	—	5·3	35	...	...	...
9	—	...	...	...	·1	·1	·3	·1	...	...	·3	·2	...	...	...	...	...	—	1·1	7	...	...	...
10	—	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	·4	...	—	0·6	4	...	...	...
11	—	...	...	·4	·4	·4	·5	1·0	·1	·2	·9	1·0	1·0	1·0	...	·5	...	—	7·4	50	...	...	...
12	—	...	·4	·9	·5	...	...	...	...	...	...	...	...	...	...	...	...	—	1·8	12	...	...	...
13	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...
14	—	...	...	...	...	·3	·2	·8	...	·6	...	...	·4	...	...	...	...	—	2·3	16	...	...	...
15	—	...	...	·9	1·0	1·0	1·0	1·0	·9	·9	1·0	1·0	1·0	1·0	1·0	·6	...	—	12·3	84	...	...	...
16	—	...	...	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	...	—	**12·9**	**89**	...	...	...
17	—	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·1	...	—	12·1	83	Haze	73	58
18	—	...	...	...	...	...	...	·1	·2	...	·5	·5	·7	...	...	...	...	—	2·0	14	...	...	...
19	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...
20	—	...	...	...	...	...	·1	...	...	...	...	·1	·2	...	...	...	...	—	0·4	3	...	...	...
21	—	...	...	...	...	...	...	...	...	...	·5	·1	·2	·2	·4	...	...	—	1·4	10	...	...	...
22	—	...	...	·5	·8	1·0	·4	1·0	·7	·1	...	...	·3	...	·5	...	...	—	5·3	37	...	...	...
23	—	...	...	...	...	...	·1	·8	·9	·2	...	...	...	...	...	...	—	—	2·0	14	...	...	...
24	—	—	...	...	...	...	...	...	...	·2	...	...	...	...	·8	...	—	—	1·0	7	...	...	...
25	—	—	...	...	...	·1	1·0	·6	...	...	...	...	...	...	...	...	—	—	1·7	12	...	...	...
26	—	—	...	...	·8	1·0	1·0	·7	·8	·3	...	...	...	...	...	...	—	—	4·6	33	...	...	...
27	—	—	...	...	...	...	...	...	·2	·6	·7	·5	·9	·4	...	...	—	—	3·3	24	...	...	...
28	—	—	...	·1	...	·9	·9	·8	1·0	1·0	1·0	1·0	·9	1·0	1·0	·5	—	—	10·1	73	Clear	85	63
29	—	—	...	...	·1	·2	·8	1·0	1·0	·5	1·0	1·0	·2	·6	·1	·1	—	—	6·6	48	...	...	...
30	—	—	...	·6	·6	·9	·9	·9	·8	·9	·9	·7	1·0	·3	...	...	—	—	8·5	62	...	...	...
31	—	—	...	...	...	...	...	·3	·9	1·0	·8	1·0	1·0	·8	·9	·1	—	—	6·8	50	...	...	...
Sum.	—	0·0	2·8	7·7	9·4	11·0	12·0	12·8	11·5	9·9	**12·9**	11·9	12·6	10·3	10·0	6·8	0·3	—	141·9	—	—	—	—
Mean.	—	0·00	0·09	0·25	0·30	0·35	0·39	0·41	0·37	0·32	**0·42**	0·38	0·41	0·33	0·32	0·22	0·01	—	4·58	32	—	—	—

For periods of sixty minutes, between the exact hours of Local Apparent Time.

453. Richmond (Kew Observatory) : h_s (Height of recorder above ground)=13·3 metres. **September, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon. Ångström Pyrheliometer. Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
2	—	—	...	·9	1·0	1·0	1·0	·9	·6	·6	·8	·9	·8	·9	·3	...	—	—	9·7	72	...	...	...
3	—	—	...	...	...	·3	·9	·6	...	·5	·9	·9	·9	·7	·8	...	—	—	6·5	49	...	...	...
4	—	—	...	...	...	...	·3	·2	·3	·1	·6	·8	·4	·6	·1	...	—	—	3·4	25	...	...	...
5	—	—	...	·2	...	...	·3	·4	·2	·1	...	...	...	...	...	...	—	—	1·2	9	...	...	...
6	—	—	...	...	...	·2	...	·2	·7	·4	·5	·3	·9	·7	·5	...	—	—	4·4	33	...	...	...
7	—	—	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	—	—	0·2	2	...	...	...
8	—	—	...	...	...	·3	·8	·7	·7	...	...	...	...	...	·4	...	—	—	2·9	22	...	...	...
9	—	—	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	—	—	0·2	2	...	...	...
10	—	—	...	1·0	·1	·4	...	...	·5	·6	·7	·2	...	...	...	...	—	—	3·5	27	...	...	...
11	—	—	...	...	...	...	·4	1·0	·4	·2	·3	...	·1	...	...	...	—	—	2·4	19	...	...	...
12	—	—	...	·3	1·0	1·0	1·0	·9	·9	·8	1·0	·8	·9	1·0	·7	...	—	—	**10·3**	**80**	...	...	...
13	—	—	...	...	...	·7	1·0	1·0	1·0	1·0	·9	·9	1·0	·9	·6	...	—	—	9·0	70	...	...	...
14	—	—	...	...	·4	1·0	1·0	1·0	·9	·9	·8	1·0	·9	·9	·7	...	—	—	9·5	75	Haze	65	43
15	—	—	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·1	...	—	—	10·1	79	Clear	86	57
16	—	—	...	...	...	·1	·3	...	...	...	...	...	·1	...	...	...	—	—	0·5	4	...	...	...
17	—	—	...	...	·7	1·0	1·0	·9	·2	·2	...	...	...	...	...	...	—	—	4·0	32	...	...	...
18	—	—	...	·5	1·0	1·0	·9	·9	1·0	·9	1·0	·8	·1	·9	·1	...	—	—	9·1	73	Clear	84	54
19	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
20	—	—	...	·1	1·0	·6	·6	...	...	...	...	...	·1	...	...	...	—	—	2·4	20	...	...	...
21	—	—	...	·1	1·0	1·0	·5	·9	·4	...	·1	·9	·3	·5	·1	...	—	—	5·8	48	...	...	...
22	—	—	...	...	...	...	...	...	...	...	...	...	...	·2	·3	...	—	—	0·5	4	...	...	...
23	—	—	...	...	...	...	...	...	·2	...	...	·1	·3	·8	...	...	—	—	1·4	12	...	...	...
24	—	—	—	...	·7	1·0	·7	1·0	·9	·6	·6	1·0	·4	·5	...	—	—	—	7·4	61	Clear	77	48
25	—	—	—	...	...	...	·9	·5	·9	1·0	1·0	...	...	...	...	—	—	—	4·3	36	...	...	...
26	—	—	—	·3	·4	·9	1·0	·9	1·0	·9	·8	·3	·8	·5	·3	—	—	—	8·1	68	Clear	85	52
27	—	—	—	...	·8	1·0	·9	·7	·8	·9	1·0	1·0	·7	·3	...	—	—	—	8·1	68	...	...	...
28	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
29	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
30	—	—	—	...	...	·3	·5	·5	...	...	...	·2	...	...	...	—	—	—	1·5	13	...	...	...
Sum	—	—	0·0	3·5	9·1	12·8	**15·0**	14·2	12·6	10·7	12·0	11·1	9·9	10·4	5·1	0·0	—	—	126·4	—	—	—	—
Mean	—	—	0·00	0·12	0·30	0·43	**0·50**	0·47	0·42	0·36	0·40	0·37	0·33	0·35	0·17	0·00	—	—	4·21	33	—	—	—

454. Richmond (Kew Observatory) : h_s =13·3 metres. **October, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	—	...	...	...	...	...	·1	·9	·8	·5	...	...	...	—	—	—	2·3	20	...	...	...
2	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
3	—	—	—	...	...	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	—	—	—	6·9	60	Haze	57	33
4	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
5	—	—	—	...	...	...	·5	·7	·9	1·0	·7	·6	·1	...	...	—	—	—	4·5	40	...	...	...
6	—	—	—	...	...	...	·1	1·0	·9	1·0	1·0	1·0	1·0	·2	...	—	—	—	6·2	55	Mist	15	8
7	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
8	—	—	—	...	·9	·3	...	...	...	·4	1·0	·5	·2	...	...	—	—	—	3·3	30	...	...	...
9	—	—	—	...	·1	1·0	1·0	1·0	1·0	·9	·9	·7	·5	·3	...	—	—	—	7·4	67	Haze	62	33
10	—	—	—	...	...	·1	...	·6	·9	·4	...	...	...	...	...	—	—	—	2·0	18	...	...	...
11	—	—	—	...	...	...	...	...	·2	·9	·6	·6	·2	...	...	—	—	—	2·5	23	...	...	...
12	—	—	—	...	...	...	...	·1	...	...	...	...	...	...	...	—	—	—	0·1	1	...	...	...
13	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
14	—	—	—	...	1·0	1·0	1·0	1·0	1·0	·9	·1	...	...	...	...	—	—	—	6·0	56	Haze	56	28
15	—	—	—	...	·4	·9	1·0	1·0	·8	·5	·9	·9	·6	...	...	—	—	—	7·0	65	...	...	...
16	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
17	—	—	—	...	...	...	...	...	...	·7	·9	1·0	1·0	·7	...	—	—	—	4·3	41	...	...	...
18	—	—	—	...	...	...	...	...	·4	·6	·1	...	...	...	...	—	—	—	1·1	10	...	...	...
19	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
20	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
21	—	—	—	...	...	...	...	·1	·3	...	...	...	...	...	...	—	—	—	0·4	4	...	...	...
22	—	—	—	...	...	...	·2	·3	·5	·3	...	...	...	...	...	—	—	—	1·3	13	...	...	...
23	—	—	—	...	...	...	...	...	·2	...	·2	·2	·1	...	...	—	—	—	0·7	7	...	...	...
24	—	—	—	...	·2	·6	1·0	1·0	·7	·7	·6	·9	·7	...	...	—	—	—	6·4	63	...	...	...
25	—	—	—	—	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	—	—	—	—	**7·6**	**75**	...	...	...
26	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
27	—	—	—	—	...	·4	·4	·1	·1	·1	·2	·6	...	...	—	—	—	—	1·9	19	...	...	...
28	—	—	—	—	·1	1·0	1·0	1·0	1·0	1·0	·9	·4	...	...	—	—	—	—	6·4	65	Clear	69	29
29	—	—	—	—	...	...	...	...	...	·2	...	...	...	...	—	—	—	—	0·2	2	...	...	...
30	—	—	—	—	...	...	...	·5	·9	1·0	1·0	1·0	1·0	·2	—	—	—	—	5·6	57	Clear	59	25
31	—	—	—	—	...	...	...	...	...	...	·1	·6	...	...	—	—	—	—	0·7	7	...	...	...
Sum	—	—	—	0·0	2·7	5·5	7·3	10·4	11·9	**13·5**	12·0	11·5	7·4	2·6	0·0	—	—	—	84·8	—	—	—	—
Mean	—	—	—	0·00	0·09	0·18	0·24	0·34	0·38	**0·44**	0·39	0·37	0·24	0·08	0·00	—	—	—	2·74	26	—	—	—
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Sky. Radiation at Noon. Ångström Pyrheliometer.	Total.	Vertical.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

455. Richmond (Kew Observatory) : h_s (Height of recorder above ground)=13·3 metres. **November, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon, Ångström Pyrheliometer. Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	—	—	·2	·8	·7	·3	·2	...	...	...	...	...	—	—	—	—	2·2	23	...	...	...
2	—	—	—	—	...	1·0	1·0	1·0	1·0	·9	·9	·4	·2	...	—	—	—	—	6·4	67	...	...	...
3	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
4	—	—	—	—	...	·5	1·0	1·0	1·0	·9	·8	·6	·4	...	—	—	—	—	6·2	66	Clear	77	30
5	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
6	—	—	—	—	...	·8	·8	1·0	1·0	·9	1·0	·9	·4	...	—	—	—	—	6·8	73	Clear	63	24
7	—	—	—	—	...	...	...	·2	·9	·3	...	...	...	...	—	—	—	—	1·4	15	Ci.	60	23
8	—	—	—	—	...	...	·6	·3	...	...	...	...	...	...	—	—	—	—	0·9	10	...	...	...
9	—	—	—	—	...	·9	1·0	1·0	1·0	1·0	·7	1·0	·4	...	—	—	—	—	**7·0**	76	Haze	62	23
10	—	—	—	—	...	...	...	...	...	...	...	...	·1	...	—	—	—	—	0·1	1	...	...	...
11	—	—	—	—	...	...	·1	...	·2	...	...	...	...	...	—	—	—	—	0·3	3	...	...	...
12	—	—	—	—	...	...	·9	1·0	1·0	1·0	1·0	·4	...	...	—	—	—	—	5·3	59	Haze	30	11
13	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
14	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
15	—	—	—	—	...	·2	·1	...	·9	1·0	·9	·7	·2	...	—	—	—	—	4·0	45	...	...	...
16	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
17	—	—	—	—	...	...	...	·3	·8	·4	·8	·2	...	...	—	—	—	—	2·5	29	...	...	...
18	—	—	—	—	...	...	·3	·9	·7	·9	·9	·4	...	...	—	—	—	—	4·1	47	Mist	20	6
19	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
20	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
21	—	—	—	—	...	...	...	·9	·4	...	...	...	...	...	—	—	—	—	1·3	15	...	...	...
22	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
23	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
24	—	—	—	—	...	...	...	·5	1·0	·8	·8	·2	...	...	—	—	—	—	3·3	39	Mist	21	7
25	—	—	—	—	...	...	·6	1·0	1·0	1·0	1·0	·3	...	...	—	—	—	—	4·9	58	Mist	46	14
26	—	—	—	—	...	...	·4	1·0	1·0	1·0	1·0	·8	...	...	—	—	—	—	5·2	63	Mist	32	10
27	—	—	—	—	...	...	...	...	...	·1	·9	1·0	...	...	—	—	—	—	2·0	24	...	...	...
28	—	—	—	—	...	·3	1·0	1·0	1·0	1·0	1·0	1·0	...	...	—	—	—	—	6·3	**77**	Clear	52	15
29	—	—	—	—	...	·4	1·0	·9	·4	·6	·9	·8	·1	...	—	—	—	—	5·1	62	...	...	...
30	—	—	—	—	...	...	·9	1·0	1·0	·9	...	...	...	...	—	—	—	—	3·8	46	Clear	56	16
Sum	—	—	—	—	0·2	4·9	10·4	13·3	**14·5**	12·7	12·6	8·7	1·8	0·0	—	—	—	—	79·1	—	—	—	—
Mean	—	—	—	—	0·01	0·16	0·35	0·44	**0·48**	0·42	0·42	0·29	0·06	0·00	—	—	—	—	2·64	30	—	—	—

456. Richmond (Kew Observatory) : h_s=13·3 metres. **December, 1925.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	—	—	...	...	...	·3	1·0	1·0	1·0	·9	...	...	—	—	—	—	4·2	51	Clear	51	15
2	—	—	—	—	...	...	...	·8	...	·9	1·0	·6	...	—	—	—	—	—	3·3	41	...	...	...
3	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
4	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
5	—	—	—	—	—	...	...	·6	1·0	1·0	1·0	1·0	·2	—	—	—	—	—	4·8	60	Mist	46	13
6	—	—	—	—	—	...	...	·4	1·0	1·0	1·0	1·0	...	—	—	—	—	—	4·4	55	...	...	...
7	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
8	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
9	—	—	—	—	—	·1	·9	1·0	1·0	1·0	1·0	1·0	·3	—	—	—	—	—	**6·3**	**80**	Mist	46	12
10	—	—	—	—	—	·2	1·0	·4	1·0	1·0	1·0	·8	...	—	—	—	—	—	5·4	68	...	...	...
11	—	—	—	—	—	...	·1	·6	·9	1·0	·7	1·0	·1	—	—	—	—	—	4·4	56	Clear	58	15
12	—	—	—	—	—	...	...	1·0	1·0	·7	...	...	...	—	—	—	—	—	2·7	34	Mist	32	9
13	—	—	—	—	—	...	...	...	...	·1	...	...	...	—	—	—	—	—	0·1	1	Mist	32	9
14	—	—	—	—	—	...	·3	1·0	·6	1·0	·5	...	...	—	—	—	—	—	3·4	44	...	...	...
15	—	—	—	—	—	·1	·1	...	...	·6	...	...	...	—	—	—	—	—	0·8	10	...	...	...
16	—	—	—	—	—	...	...	·3	...	...	...	...	...	—	—	—	—	—	0·3	4	...	...	...
17	—	—	—	—	—	...	...	...	...	·2	·7	...	...	—	—	—	—	—	0·9	12	Ci-St.	22	6
18	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
19	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
20	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
21	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
22	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
23	—	—	—	—	—	...	·8	·9	·8	1·0	·4	·2	...	—	—	—	—	—	4·1	53	Haze	40	10
24	—	—	—	—	—	...	·3	1·0	·4	1·0	·8	·9	...	—	—	—	—	—	4·4	56	...	...	...
25	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
26	—	—	—	—	—	...	...	·4	·9	·6	...	...	...	—	—	—	—	—	1·9	24	Haze	34	9
27	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
28	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
29	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
30	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
31	—	—	—	—	—	...	·2	...	...	...	...	...	...	—	—	—	—	—	0·2	3	...	...	...
Sum	—	—	—	—	0·0	0·4	3·7	8·7	9·6	**12·1**	9·1	7·4	0·6	0·0	—	—	—	—	51·6	—	—	—	—
Mean	—	—	—	—	0·00	0·01	0·12	0·28	0·31	**0·39**	0·29	0·24	0·19	0·00	—	—	—	—	1·66	21	—	—	—
Annual Total	0·0	3·2	30·7	57·0	83·9	113·7	135·5	150·2	151·5	**151·6**	142·7	130·9	106·4	84·0	64·6	40·9	4·8	0·0	1451·6	—	—	—	—
Annual Mean	0·00	0·01	0·08	0·16	0·23	0·31	0·37	0·41	0·42	**0·42**	0·39	0·36	0·29	0·23	0·18	0·11	0·01	0·00	3·98	—	—	—	—
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Sky.	Total.	Vertical.
																					Radiation at Noon, Ångström Pyrheliometer.		

Direction expressed in degrees from North ($E = 90°$, $S = 180°$, $W = 270°$, $N = 360°$): Speed in metres per second.

457. Richmond (Kew Observatory) : H_a (height of cups of anemograph above M.S.L.) = Height of ground above.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	225	5.9	245	6.6	245	4.9	225	5.2	215	5.6	215	6.2	215	5.2	210	2.6	200	5.2	210	9.2	215	9.5	220	10.8
2	240	7.5	220	7.2	215	7.5	205	3.6	180	3.6	180	4.9	205	13.1	200	13.1	200	11.5	205	14.4	210	14.4	210	13.8
3	230	5.9	225	6.2	225	6.2	220	7.5	210	7.2	210	6.6	215	8.2	215	7.9	215	8.9	220	10.5	225	8.2	230	8.2
4	175	4.6	210	9.2	220	9.2	225	7.9	225	7.9	220	9.2	215	9.8	215	10.8	220	10.2	230	10.5	235	10.2	230	8.2
5	230	4.9	230	4.3	230	3.9	225	3.3	225	3.0	225	3.0	225	2.0	225	2.3	225	2.0	235	3.0	240	3.0	235	4.6
6	240	2.6	240	2.6	240	2.3	240	2.6	240	3.0	240	2.0	240	2.0	240	2.3	—	1.3	—	1.0	280	1.6	325	3.3
7	240	2.3	240	2.0	240	1.6	240	1.6	240	2.6	235	3.9	230	4.3	230	3.6	230	4.3	225	3.6	230	3.0	230	2.6
8	225	2.0	—	1.0	—	0.3	—	0.7	205	2.0	200	2.0	200	2.0	—	1.3	185	3.0	190	5.2	190	7.2	190	5.6
9	195	4.6	210	5.2	210	4.3	230	3.9	245	3.0	290	4.6	305	6.6	315	6.9	310	6.2	320	5.9	330	5.2	330	5.2
10	—	0.0	—	0.3	—	0.0	—	0.0	—	0.0	—	0.0	—	0.0	—	0.0	—	0.0	—	0.3	—	0.0	—	0.0
11	—	0.0	—	0.0	—	0.0	—	0.0	—	0.0	—	0.3	—	0.0	—	0.0	—	0.0	—	0.0	—	0.0	—	0.0
12	—	1.3	—	1.0	—	1.3	—	1.0	—	0.7	—	0.0	—	0.3	—	0.0	—	0.0	—	0.3	—	0.0	—	0.3
13	—	0.3	—	0.3	—	0.7	—	0.0	—	0.0	—	0.0	—	0.3	—	0.3	130	2.3	160	3.3	180	3.9	175	5.6
14	170	6.6	170	6.9	170	8.5	170	7.2	175	6.6	180	5.2	185	7.5	180	8.5	190	6.9	190	7.2	195	6.6	190	5.9
15	195	6.9	195	6.9	200	5.6	200	8.5	210	8.2	215	8.5	220	6.9	220	6.6	260	5.6	360	3.3	—	1.0	—	0.3
16	—	0.0	—	0.0	—	0.0	—	0.0	—	0.7	—	0.3	—	0.3	—	1.0	—	1.0	—	1.3	—	1.3	—	1.6
17	190	2.3	190	1.6	—	1.0	195	2.3	200	3.6	205	3.6	195	2.0	190	3.0	200	3.3	205	3.0	200	3.6	215	3.3
18	220	2.0	—	1.3	—	1.0	220	2.0	225	2.0	—	1.3	—	1.3	—	1.0	—	0.3	—	0.7	—	1.3	230	1.6
19	210	1.6	—	1.3	—	0.7	—	1.0	—	0.7	—	1.0	—	1.3	150	1.6	—	1.3	155	1.6	—	1.0	150	2.0
20	95	2.0	100	1.6	110	1.6	110	2.3	105	3.3	90	3.0	80	2.0	—	1.0	—	0.7	—	1.0	—	1.0	—	1.0
21	135	2.3	140	2.3	140	2.0	140	2.6	140	2.0	130	2.0	130	2.3	135	2.6	150	2.3	150	2.3	150	2.0	150	2.0
22	130	2.6	130	1.6	130	2.0	130	2.3	130	2.0	105	2.3	100	2.0	100	1.6	—	1.3	105	2.6	105	2.3	120	3.9
23	170	4.6	170	4.6	170	3.9	200	4.3	240	4.3	240	3.3	220	3.3	205	3.0	205	3.3	230	3.6	235	3.6	235	4.3
24	240	2.3	240	2.0	240	4.3	245	3.6	245	2.6	245	2.0	—	1.3	245	2.0	240	2.3	230	2.3	235	4.3	240	3.0
25	—	0.0	—	0.7	—	0.7	—	0.3	—	0.7	—	0.3	—	0.7	—	1.0	230	1.6	210	2.6	90	1.6	70	3.6
26	85	6.2	90	5.9	85	7.5	85	5.9	80	7.5	75	7.9	75	8.5	75	9.2	80	9.5	80	9.8	85	9.5	80	8.5
27	90	7.2	90	7.2	85	6.2	85	6.9	90	4.9	85	6.6	85	5.9	90	6.6	85	6.9	85	7.2	85	7.2	80	6.6
28	—	0.3	—	0.3	—	1.0	—	1.0	—	0.3	—	0.3	—	0.0	—	0.3	305	1.6	230	1.6	225	2.3	220	3.0
29	240	2.6	240	2.6	240	2.0	235	2.6	240	3.9	215	3.3	210	4.9	210	5.2	200	7.5	205	8.9	200	10.2	205	9.8
30	250	7.2	260	6.6	290	3.6	285	2.3	—	1.0	230	1.6	215	3.9	210	4.9	230	7.2	240	6.2	245	6.6	250	8.2
31	230	8.2	230	6.6	230	7.5	230	6.6	225	7.2	230	7.5	230	7.2	225	8.2	225	7.9	230	9.2	230	8.5	220	8.5
Mean ...	—	3.5	—	3.4	—	3.3	—	**3.2**	—	3.2	—	3.3	—	3.7	—	3.8	—	4.1	—	4.6	—	4.5	—	4.7

458. Richmond (Kew Observatory) : H_a = 5 metres + 20 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	270	5.2	280	6.2	280	4.9	275	5.9	270	5.2	260	4.6	260	3.6	255	4.6	260	5.6	270	4.3	275	5.6	280	5.6
2	230	2.6	235	2.3	240	2.3	—	0.7	—	1.0	—	1.0	—	1.0	240	2.0	240	2.3	230	3.0	220	3.0	245	3.6
3	210	3.3	215	3.3	220	3.3	220	3.0	220	3.6	225	3.3	220	3.3	215	3.0	215	3.9	230	4.3	250	5.2	250	4.6
4	235	5.2	235	5.6	235	3.9	230	3.6	230	2.6	225	2.6	245	2.6	270	2.0	270	2.6	265	3.0	270	2.6	265	2.6
5	215	4.9	220	5.9	220	5.9	220	4.9	220	5.9	220	5.9	220	5.6	215	6.2	220	6.6	225	7.9	220	8.2	215	8.2
6	215	7.2	215	8.2	215	7.2	215	6.2	215	6.2	215	7.5	215	6.6	260	3.9	—	1.3	330	1.6	—	1.3	280	3.3
7	255	3.3	260	3.9	260	3.0	255	3.6	265	4.3	260	3.6	250	2.3	245	2.6	250	3.3	265	5.2	275	5.2	280	5.6
8	185	5.2	190	7.5	190	6.9	190	7.2	190	7.9	195	7.9	205	5.2	220	4.3	235	3.3	240	4.9	240	5.2	240	6.9
9	240	6.9	260	7.9	255	6.9	255	6.2	245	6.6	250	5.9	250	6.2	245	5.2	250	4.9	250	7.9	245	6.2	240	7.5
10	230	3.0	220	4.3	210	3.3	200	5.2	200	5.6	210	6.2	210	5.9	210	6.6	215	7.5	220	8.9	220	9.2	210	9.8
11	200	10.5	200	9.5	200	9.5	200	9.5	200	10.2	195	9.5	190	9.2	195	7.9	200	9.5	200	12.1	200	10.8	200	10.5
12	230	4.3	205	4.3	200	3.6	210	4.9	205	4.3	200	6.9	185	4.9	190	4.3	190	7.5	185	6.9	185	4.9	195	7.5
13	170	5.9	160	7.9	150	8.2	155	11.5	175	15.1	190	10.8	185	9.2	190	6.2	185	6.6	190	5.2	190	7.2	185	5.2
14	155	4.9	225	3.0	240	3.0	230	3.0	215	3.6	200	2.3	200	2.3	200	4.6	205	3.6	190	3.9	180	4.9	180	4.9
15	165	4.6	200	2.3	195	1.6	190	2.3	170	2.0	155	2.6	150	3.3	155	2.6	155	1.6	—	1.3	195	3.0	215	2.0
16	—	0.3	—	0.3	—	0.7	—	0.3	—	0.3	—	0.7	—	1.0	100	2.0	160	2.0	220	2.6	235	3.6	230	4.3
17	—	0.3	—	1.0	—	1.3	—	1.0	—	1.0	250	1.6	260	2.3	250	2.3	220	2.0	220	2.6	235	3.6	260	3.6
18	220	4.3	225	4.6	220	4.6	220	3.9	225	4.3	225	4.3	230	4.3	225	3.6	220	3.9	235	4.9	250	5.2	250	5.2
19	—	1.0	—	0.7	—	0.7	—	1.0	280	2.6	—	1.0	285	1.6	265	2.0	250	2.3	270	4.6	285	4.6	295	4.3
20	—	1.0	360	1.6	360	2.0	355	2.6	355	2.6	345	2.0	—	1.3	—	1.3	350	3.0	330	4.3	330	3.6	350	2.6
21	—	1.0	95	1.6	95	1.6	95	1.6	95	2.0	—	0.7	—	0.3	—	1.0	120	2.3	90	3.6	105	3.3	125	2.3
22	—	0.0	—	0.0	—	0.3	—	0.3	—	0.3	—	0.3	—	0.0	—	0.0	—	0.0	—	0.3	—	0.7	—	1.0
23	145	3.0	140	3.3	130	3.9	130	5.2	140	5.2	150	5.9	150	5.9	150	7.2	160	6.9	165	7.5	170	6.2	160	6.6
24	230	1.6	225	2.0	225	1.6	—	0.7	—	0.3	—	1.0	215	1.6	150	2.3	150	4.6	150	6.9	150	7.5	150	8.9
25	190	3.9	195	3.9	200	3.3	185	3.3	185	4.6	185	3.9	185	3.9	180	3.9	175	3.9	195	5.6	185	7.2	190	8.5
26	185	6.6	185	9.2	190	10.2	190	10.8	200	9.2	200	8.9	200	5.2	210	6.9	215	7.5	210	6.9	200	6.6	205	7.2
27	220	6.2	215	6.6	220	7.5	220	6.6	220	7.5	220	6.9	225	6.2	225	6.2	230	6.6	215	7.9	220	6.6	225	6.9
28	240	3.6	235	3.9	230	3.3	230	3.6	225	3.6	225	4.6	220	3.9	215	4.9	220	4.9	220	5.6	235	5.9	240	6.9
Mean. ...	—	3.9	—	4.3	—	4.1	—	4.2	—	4.6	—	4.4	—	3.9	—	3.9	—	4.3	—	5.1	—	5.3	—	5.6
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 5 metres + 20 metres.

January, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
220	9·5	215	10·8	215	11·8	215	13·1	210	13·1	210	13·4	210	13·1	205	14·4	205	16·1	210	15·1	225	11·5	240	8·2	9·4	1
210	14·4	215	12·5	225	10·8	225	9·8	225	8·9	225	9·5	230	8·2	230	8·2	220	6·9	220	7·9	230	7·9	230	6·6	**9·5**	2
230	7·2	225	4·6	220	4·9	205	6·6	200	5·2	190	4·6	185	2·6	—	1·3	175	2·6	160	3·9	145	3·6	145	3·6	6·0	3
230	8·2	230	6·2	225	6·6	215	5·2	220	5·6	220	5·9	215	5·6	220	6·2	225	5·9	230	6·6	225	5·6	225	4·9	7·5	4
230	4·3	240	4·3	245	3·3	240	3·6	230	2·6	230	3·3	230	2·6	235	3·0	235	3·0	230	2·6	235	2·3	240	2·3	3·2	5
320	3·9	320	3·3	315	1·6	310	1·6	—	1·0	—	1·0	—	1·0	—	1·0	—	1·3	270	1·6	—	1·3	250	2·3	2·0	6
230	2·3	235	2·6	235	2·3	235	2·3	235	2·0	235	2·0	235	2·3	235	2·0	235	2·0	235	1·6	235	1·6	230	2·6	2·5	7
190	6·2	185	5·2	185	4·6	185	3·3	180	3·0	185	3·3	185	4·3	190	3·3	185	5·6	185	4·9	195	6·2	185	4·9	3·6	8
330	4·9	325	3·0	320	2·0	320	1·6	320	1·6	310	2·3	—	1·3	—	1·0	—	1·0	—	0·3	—	0·0	—	0·3	3·5	9
—	0·0	—	0·0	—	0·3	—	1·3	—	0·7	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	**0·1**	10
—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	1·0	—	0·7	**0·1**	11
—	0·3	—	0·3	—	0·7	—	0·0	—	0·7	100	1·6	—	0·7	—	1·0	—	0·7	—	1·3	—	0·3	—	0·3	0·6	12
175	4·6	170	6·9	175	5·9	175	5·6	175	5·6	170	6·6	170	5·2	165	5·6	165	7·2	165	6·6	165	6·2	165	6·2	3·6	13
190	5·9	195	4·9	190	5·2	190	5·9	190	5·9	190	6·9	190	6·9	190	6·6	195	7·9	200	7·5	200	7·9	195	6·6	6·7	14
—	0·3	—	0·3	—	0·3	—	0·0	—	0·0	—	0·0	—	0·3	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	3·0	15
—	1·3	—	1·3	—	0·7	—	0·3	180	1·6	—	0·7	—	0·3	—	0·7	180	1·6	185	1·6	190	2·0	190	2·0	0·9	16
230	3·6	235	2·6	235	2·6	220	2·0	210	3·3	210	2·0	—	1·3	210	2·6	205	2·0	220	3·0	220	2·0	220	2·3	2·6	17
—	1·3	—	1·3	—	1·0	190	2·0	190	1·6	190	1·6	190	1·6	—	0·7	—	0·3	—	1·0	—	0·3	210	1·6	1·3	18
—	1·3	—	1·0	—	0·3	—	1·3	120	2·0	120	2·0	100	3·9	85	3·6	85	3·3	85	3·6	90	3·0	90	3·3	1·8	19
—	1·3	120	1·6	120	2·3	120	2·3	115	3·3	115	3·0	125	3·3	135	3·0	135	2·6	—	1·3	135	2·0	135	2·3	2·1	20
—	1·3	150	2·6	145	2·3	145	2·3	140	2·3	140	2·0	135	3·3	135	2·3	140	2·6	140	2·6	130	2·6	130	2·6	2·3	21
160	5·6	165	5·2	160	3·9	160	2·3	150	2·6	145	2·3	150	4·9	160	3·0	160	2·6	160	3·0	160	2·3	165	2·6	2·8	22
240	5·2	245	4·6	240	3·3	230	3·6	215	3·9	210	4·3	220	5·6	230	4·3	250	3·9	245	3·3	235	3·3	230	2·3	3·9	23
235	3·6	250	4·3	245	3·3	240	2·6	230	1·6	—	1·3	230	1·6	—	1·0	—	0·0	—	0·7	—	0·7	—	0·3	2·2	24
70	2·0	60	2·3	50	3·9	70	5·6	70	4·9	60	5·6	70	4·9	85	4·6	95	4·9	95	5·2	90	5·2	80	6·9	2·8	25
80	9·2	85	7·2	80	8·9	80	8·9	85	8·9	95	7·2	90	6·9	85	6·2	85	7·9	85	6·9	85	7·5	90	7·9	7·9	26
80	5·2	85	4·3	85	3·6	80	3·3	80	3·0	75	3·0	80	2·6	80	2·3	80	2·0	75	2·6	—	1·3	—	0·3	4·9	27
200	3·0	190	3·9	185	3·3	185	1·6	—	0·7	235	1·6	210	3·3	230	3·3	235	3·0	245	3·0	245	3·0	240	3·3	1·8	28
210	10·2	215	9·8	220	9·8	220	9·2	220	9·2	220	9·5	230	9·2	235	9·5	235	8·9	235	7·9	240	8·5	240	6·6	7·1	29
250	7·5	240	5·2	245	7·9	250	7·5	245	7·5	245	7·5	230	6·9	225	6·6	215	7·5	230	6·2	235	7·2	240	8·2	6·0	30
225	7·9	225	9·5	220	9·5	210	10·2	215	12·1	265	9·2	255	4·9	240	4·3	245	5·2	255	5·2	255	4·9	260	4·6	7·6	31
—	4·6	—	4·3	—	4·1	—	4·0	—	4·0	—	4·0	—	3·8	—	3·6	—	3·8	—	3·8	—	3·6	—	3·4	3·9	

February, 1925.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
285	5·2	280	3·3	275	4·9	260	4·6	260	3·9	270	4·3	265	3·3	270	3·0	275	2·0	235	2·0	215	2·6	220	2·0	4·3	1
250	3·9	240	3·9	250	4·9	245	3·9	230	3·0	225	3·0	225	3·3	210	3·3	210	4·3	210	4·6	215	3·9	210	3·6	2·9	2
250	6·2	245	5·2	245	5·2	245	5·9	230	4·6	225	4·3	230	4·6	220	4·9	230	4·6	225	4·6	235	4·3	240	4·6	4·3	3
265	3·6	260	4·9	245	3·9	235	2·0	230	2·6	220	3·3	220	3·0	215	4·6	210	3·9	220	4·3	230	2·6	220	3·3	3·4	4
215	9·2	215	8·5	220	7·2	220	6·6	215	7·9	210	8·2	215	8·2	215	7·5	215	7·9	215	7·5	215	7·5	215	7·5	7·0	5
275	4·3	260	4·9	250	3·9	240	3·3	245	4·9	240	3·6	235	4·6	240	3·6	245	4·6	245	4·3	245	3·3	250	3·9	4·6	6
300	4·6	290	4·3	280	4·6	265	2·6	265	2·0	255	2·0	215	2·0	210	2·0	200	2·3	195	2·6	190	3·3	185	3·9	3·4	7
235	6·9	240	6·6	235	7·9	225	6·9	225	7·5	225	7·9	230	8·9	240	8·5	230	8·5	225	7·9	230	6·9	235	6·9	6·8	8
240	6·9	230	8·2	220	8·9	210	9·8	210	11·5	220	12·5	230	11·5	250	12·5	265	9·5	260	6·2	250	4·6	230	3·6	7·7	9
215	10·8	215	10·2	215	10·8	215	11·1	215	11·5	210	13·1	210	9·2	210	10·2	205	10·2	200	8·9	205	11·1	200	9·8	8·3	10
195	11·1	195	11·8	195	10·5	190	10·8	180	10·2	180	11·1	180	13·4	180	12·1	180	13·1	180	13·1	250	9·2	260	6·6	**10·6**	11
200	6·9	195	6·9	200	6·6	190	5·9	180	5·2	185	5·2	190	4·9	195	6·6	190	5·2	190	5·2	185	5·2	180	5·9	5·6	12
180	4·9	205	3·6	180	3·3	180	3·3	180	2·0	—	1·3	175	1·6	—	1·3	155	2·3	135	3·0	135	5·2	140	3·6	5·6	13
185	4·6	190	4·9	195	4·9	185	4·3	190	5·9	185	4·9	175	2·6	170	2·6	170	3·0	175	3·0	170	3·3	160	3·9	3·8	14
225	2·0	—	0·7	—	1·0	—	1·3	—	1·3	—	0·7	—	0·3	—	0·7	—	0·3	—	0·3	—	0·3	—	0·3	1·7	15
240	4·6	245	3·3	230	3·0	220	2·0	220	2·3	210	2·0	210	1·6	205	2·6	200	1·6	—	1·3	215	2·6	—	0·7	1·9	16
265	3·9	260	2·6	260	4·3	265	5·9	265	4·9	255	4·3	245	3·3	240	3·3	230	3·9	220	3·9	220	4·6	220	4·6	2·9	17
260	5·9	265	3·6	250	3·9	260	4·3	275	4·3	250	2·0	240	2·3	—	1·3	—	1·3	—	0·7	—	1·3	—	1·3	3·6	18
300	4·6	305	4·6	320	3·0	320	1·6	330	3·3	340	3·0	340	2·0	340	1·6	—	1·0	350	2·3	360	1·6	—	1·3	2·3	19
330	3·0	335	2·6	325	3·0	335	2·3	360	2·6	360	2·0	30	2·3	90	3·3	95	1·6	—	1·3	95	1·6	95	1·6	2·3	20
120	2·3	110	2·3	80	5·2	90	4·9	90	3·6	90	3·9	90	2·3	90	2·0	—	1·3	—	1·0	—	0·7	—	0·3	2·2	21
160	2·0	190	1·6	195	2·0	200	2·3	195	2·3	185	1·6	165	3·0	150	2·0	150	1·6	150	1·6	—	1·3	150	2·3	**1·1**	22
160	4·9	165	4·3	165	3·0	—	1·3	165	1·6	175	2·3	190	1·6	190	1·6	195	2·6	265	2·3	285	1·6	250	2·3	4·0	23
155	9·2	155	9·2	160	6·6	220	4·3	220	4·3	215	3·3	190	2·6	190	3·9	190	3·9	220	3·0	210	3·6	200	3·6	4·0	24
190	7·5	190	6·9	195	5·9	215	6·6	225	5·6	210	6·6	210	9·2	220	9·5	215	8·2	210	7·5	210	7·2	200	6·9	5·9	25
200	7·5	210	7·9	195	7·2	195	6·6	185	7·5	185	9·5	190	6·9	200	6·6	190	4·6	190	5·2	210	6·6	225	5·9	7·4	26
225	7·5	230	7·9	235	8·2	235	7·9	230	8·2	230	7·2	230	6·2	225	6·2	220	5·9	225	5·6	230	6·2	235	5·9	6·9	27
230	5·2	230	5·6	230	5·6	215	6·6	215	3·6	200	3·9	195	3·9	190	3·3	190	2·6	190	2·0	—	1·0	190	2·0	4·2	28
—	**5·7**	—	5·4	—	5·3	—	5·0	—	4·9	—	4·9	—	4·6	—	4·7	—	4·3	—	4·1	—	4·0	—	**3·9**	4·6	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North ($E = 90°$, $S = 180°$, $W = 270°$, $N = 360°$) : Speed in metres per second.

459. Richmond (Kew Observatory) : H_a (height of cups of anemograph above M.S.L.)=Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	185	1·6	—	0·3	—	0·0	—	0·7	—	1·0	—	1·0	—	0·0	—	0·0	—	0·3	—	0·0	—	0·0	—	0·0
2	—	1·3	85	3·0	85	1·6	65	2·6	50	3·3	55	3·3	55	3·6	50	3·3	50	3·0	35	5·2	40	5·2	35	5·6
3	15	5·9	10	6·2	15	6·2	20	5·6	10	5·2	10	6·9	15	6·9	15	7·2	20	6·9	25	8·9	25	8·9	30	8·9
4	25	7·5	20	6·6	20	7·5	20	7·2	20	7·5	15	7·5	15	7·5	20	7·5	30	7·2	35	8·2	30	7·2	30	6·6
5	360	2·3	—	1·3	360	2·0	5	1·6	5	2·0	5	1·6	—	1·3	—	1·3	—	1·0	330	2·3	325	3·0	315	2·6
6	260	3·0	265	3·0	260	3·3	250	3·0	260	3·6	260	3·3	260	3·3	270	3·3	280	3·6	295	5·2	295	6·2	290	4·6
7	240	3·0	250	3·0	260	3·9	255	3·6	250	3·9	260	4·3	255	3·3	260	3·9	265	3·9	290	6·6	295	5·2	285	5·2
8	270	4·9	270	3·9	260	4·3	250	4·3	265	6·6	270	6·2	275	5·2	275	7·5	280	8·9	280	11·1	290	9·5	300	9·2
9	295	4·9	305	4·6	300	4·9	295	2·6	295	2·3	290	2·6	290	2·0	300	4·3	310	6·2	320	8·5	310	6·9	305	6·2
10	320	3·3	310	4·3	315	4·9	320	4·3	320	4·6	320	4·6	320	4·6	325	5·9	335	5·6	340	6·2	335	6·2	335	4·9
11	245	3·3	230	3·6	230	3·6	240	3·3	240	3·0	260	3·6	305	3·3	330	4·6	345	5·2	15	7·2	30	6·2	25	6·2
12	5	1·6	10	2·6	10	3·9	15	3·0	10	3·9	10	4·3	360	4·9	360	5·2	360	6·2	10	7·9	10	7·9	15	8·9
13	—	1·3	—	1·0	—	1·0	—	1·0	—	1·0	290	1·6	260	2·0	250	2·0	240	2·3	250	4·9	245	5·9	245	4·6
14	250	3·6	270	3·9	260	3·6	255	2·0	—	0·7	—	0·3	—	0·3	—	1·0	260	2·3	270	2·6	285	3·0	285	3·3
15	310	2·6	305	2·0	305	1·6	305	2·0	—	1·3	—	1·3	305	1·6	—	1·3	335	2·3	10	3·0	360	3·0	15	4·3
16	—	0·7	—	0·3	—	0·3	—	0·3	—	0·3	—	0·7	—	0·0	—	0·7	—	1·0	195	3·3	215	3·6	225	3·6
17	275	2·0	280	1·6	280	2·0	280	1·6	280	2·3	300	3·0	305	2·3	330	4·3	345	4·3	360	5·6	10	5·6	10	4·9
18	15	2·0	15	2·0	15	2·0	15	1·6	15	2·0	10	2·3	5	3·6	15	2·3	55	4·6	50	3·0	50	3·0	45	3·9
19	—	0·3	—	0·3	—	0·3	—	0·7	—	0·0	—	0·3	—	0·0	—	0·0	—	0·7	105	2·0	—	1·3	—	1·3
20	—	0·7	—	0·3	—	0·7	—	0·7	—	1·0	—	1·0	—	1·3	—	1·3	—	1·3	270	2·6	275	2·6	280	3·3
21	355	3·3	340	3·3	340	2·3	—	0·7	—	1·3	—	1·3	340	2·0	320	3·0	320	2·6	335	2·3	335	4·3	345	5·2
22	340	3·9	360	4·3	360	5·2	360	4·3	360	5·6	360	4·3	360	5·2	360	5·9	10	4·6	5	6·6	5	6·9	5	6·9
23	—	1·0	360	2·0	350	2·0	350	2·0	350	2·0	—	1·3	—	1·0	300	1·6	300	1·6	280	2·6	260	3·9	275	2·0
24	215	3·9	210	3·0	220	2·6	220	2·0	220	1·6	225	1·6	—	1·3	—	1·3	235	1·6	255	2·3	260	2·6	260	4·3
25	275	2·0	—	1·3	—	1·3	275	2·0	—	1·3	—	0·7	270	1·6	—	1·0	285	1·6	300	1·6	—	1·3	—	1·3
26	290	1·6	—	1·3	310	2·0	340	2·0	360	2·3	10	2·6	30	3·6	25	3·9	10	4·9	20	7·2	20	7·2	20	6·2
27	360	5·6	360	5·6	360	5·6	360	7·2	360	6·6	360	7·2	5	7·2	360	6·9	360	6·9	10	7·2	15	8·2	15	8·5
28	5	2·3	—	1·3	—	1·0	—	1·3	—	0·7	—	1·3	10	2·0	—	1·3	5	2·6	360	5·6	5	6·9	15	5·9
29	355	1·6	—	1·0	—	1·3	340	2·0	300	2·3	270	2·3	265	3·3	265	2·3	260	3·3	250	4·6	265	4·9	290	4·6
30	280	1·6	275	2·0	275	2·6	270	2·0	255	2·0	245	2·3	240	2·3	240	2·6	225	3·9	220	4·9	215	4·9	225	5·2
31	210	4·3	210	4·3	210	3·9	210	3·0	210	3·3	205	3·6	205	3·3	200	3·6	200	6·2	215	7·2	220	4·9	205	5·2
Mean ...	—	2·8	—	2·7	—	2·8	—	2·6	—	2·7	—	2·9	—	2·9	—	3·2	—	3·8	—	5·1	—	5·1	—	4·9

460. Richmond (Kew Observatory) : $H_a = 5$ metres $+20$ metres.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	205	4·6	205	3·3	210	4·3	210	3·6	215	4·6	220	4·3	230	6·2	280	3·3	290	2·3	285	3·3	290	3·3	290	3·0
2	—	0·7	—	1·3	260	1·6	—	1·3	—	0·7	—	0·7	—	0·0	—	0·3	220	3·3	215	3·0	210	3·9	205	4·6
3	220	1·6	—	1·0	—	1·3	—	1·3	340	3·9	10	4·3	20	5·2	30	5·6	30	5·9	25	5·6	30	6·6	20	6·6
4	—	1·0	—	0·7	—	0·7	—	0·3	—	0·0	—	0·0	—	0·7	110	2·3	115	4·6	130	4·9	140	3·9	145	3·3
5	140	5·6	140	4·9	140	3·9	140	3·9	145	4·6	150	5·9	155	6·6	160	7·2	160	8·5	170	9·2	170	8·2	170	8·9
6	130	7·2	135	6·6	135	5·6	140	5·9	150	5·6	155	4·6	150	4·9	145	3·9	145	4·3	150	4·6	160	3·3	180	3·6
7	—	0·0	—	0·0	—	0·0	—	0·3	—	0·3	—	0·3	—	1·0	—	0·7	—	0·3	—	1·3	—	1·3	—	1·0
8	—	0·3	240	1·6	—	1·3	—	0·7	—	1·3	—	1·0	—	0·7	—	0·7	—	0·7	—	0·3	—	1·0	260	2·3
9	—	0·3	—	0·3	—	0·0	—	0·7	—	0·7	—	1·3	—	1·0	170	3·3	165	4·9	160	8·2	155	7·5	165	6·9
10	—	0·3	—	0·0	—	0·3	—	0·7	—	0·3	—	0·7	—	1·0	—	1·0	—	1·0	260	1·6	295	2·0	325	2·6
11	—	0·7	—	0·3	—	0·7	—	0·7	—	1·0	—	0·3	—	0·3	—	1·0	—	0·3	—	0·7	—	1·0	—	1·3
12	—	0·3	—	0·0	—	0·3	—	0·0	—	0·7	—	0·7	—	0·3	—	0·7	—	0·3	—	1·0	—	0·7	—	0·7
13	—	1·3	255	1·6	255	1·6	—	1·0	—	1·0	—	0·7	255	1·6	240	2·3	220	4·3	215	7·2	215	6·9	215	6·9
14	280	2·0	265	2·0	260	2·0	260	2·0	260	1·6	260	2·0	250	2·3	255	3·9	280	4·3	270	4·6	255	4·6	230	5·2
15	220	5·9	230	6·6	230	6·6	240	7·9	260	7·2	250	6·6	250	6·9	255	7·9	260	8·5	260	9·2	260	9·2	260	8·9
16	245	5·9	250	5·9	250	5·6	250	5·9	260	7·5	260	8·9	260	9·5	270	11·1	270	10·8	280	14·8	280	12·8	280	12·5
17	300	4·6	295	4·6	290	4·9	290	3·6	285	2·0	285	3·0	285	3·9	300	4·3	310	5·2	300	5·2	280	4·6	290	3·6
18	220	1·6	220	2·3	220	2·6	215	3·0	205	4·3	205	3·3	205	3·6	200	4·3	200	4·3	210	4·6	210	4·9	200	5·6
19	—	0·3	—	0·7	—	1·0	—	0·7	—	0·7	—	0·7	—	1·3	70	2·0	55	3·0	40	4·6	20	5·9	10	6·9
20	35	6·2	35	6·6	35	7·9	40	6·9	45	7·5	40	7·5	40	7·9	35	6·9	35	8·5	30	7·5	30	7·9	30	7·5
21	35	5·2	30	5·2	30	5·9	35	6·2	35	5·9	35	5·6	40	5·6	30	5·9	35	6·9	35	6·9	35	6·2	35	5·6
22	—	0·3	—	0·7	—	1·0	—	0·0	—	0·7	—	0·3	110	1·6	165	2·3	190	3·3	210	4·9	205	4·9	210	5·6
23	195	5·9	205	6·2	210	6·6	215	6·9	210	5·9	205	5·6	215	6·2	220	5·2	280	2·6	270	3·3	275	3·6	275	4·3
24	255	1·6	250	1·6	250	1·6	250	1·6	250	1·6	240	2·6	235	3·6	255	4·3	270	4·6	270	4·9	260	3·9	200	3·6
25	305	2·0	—	0·7	—	1·0	—	1·3	295	1·6	—	1·3	—	1·3	—	1·3	250	1·6	235	3·3	260	2·6	260	3·0
26	300	1·6	300	1·6	300	2·0	300	2·6	300	2·3	300	3·3	310	3·9	320	4·9	320	4·9	330	5·2	340	3·6	330	2·6
27	—	1·0	305	1·6	—	1·0	—	1·0	—	0·7	—	1·3	300	2·6	300	2·3	290	2·3	300	3·0	320	3·6	350	1·6
28	95	3·0	80	2·6	70	3·6	55	3·9	50	5·2	45	5·9	40	6·9	35	7·2	30	6·9	20	7·5	30	7·2	35	7·2
29	350	2·0	—	0·7	325	1·6	—	0·3	—	0·7	—	1·3	—	0·3	—	0·0	—	0·3	—	0·3	—	0·7	240	2·0
30	—	1·0	—	1·0	—	1·0	—	0·3	—	0·7	—	0·3	—	0·3	255	2·3	195	3·0	250	4·3	285	3·0	250	3·6
Mean ...	—	2·5	—	2·4	—	2·6	—	2·5	—	2·7	—	2·8	—	3·2	—	3·6	—	4·1	—	4·8	—	4·6	—	4·7
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L. + h$_a$ (height of anemograph above ground) = 5 metres + 20 metres.

March, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
—	0·7	150	2·0	170	1·6	260	2·6	—	0·0	—	0·3	290	3·0	40	3·0	—	0·7	80	1·6	—	0·3	—	0·0	0·9	1
30	6·9	25	5·6	25	5·2	25	5·9	25	5·9	25	5·9	25	6·2	20	3·9	25	4·6	30	6·6	25	6·2	15	6·2	4·5	2
30	8·9	30	8·9	30	8·9	30	9·2	25	7·9	25	8·2	20	8·5	20	8·2	15	7·5	20	6·9	25	6·9	25	7·9	**7·5**	3
25	6·9	20	7·5	20	7·2	25	6·9	15	5·9	10	4·9	15	5·2	15	4·9	15	3·6	10	3·6	360	3·3	360	2·3	6·4	4
285	3·0	290	4·6	290	3·9	290	3·6	290	3·6	280	2·6	275	2·3	270	2·3	270	3·6	285	4·6	270	3·6	255	3·0	2·6	5
275	4·3	265	4·3	260	3·9	265	3·9	270	4·6	270	5·2	270	4·9	260	4·3	250	4·3	260	4·9	260	3·9	250	4·6	4·1	6
280	5·2	275	6·6	290	7·5	280	4·6	280	5·2	265	3·3	255	3·0	250	3·0	235	3·3	240	4·3	250	3·9	260	4·9	4·4	7
300	8·5	310	7·5	320	6·9	335	7·9	350	3·6	—	1·0	—	0·7	320	2·0	290	3·6	300	1·6	300	2·3	290	2·6	5·5	8
310	7·2	305	6·9	310	7·5	305	7·5	305	7·2	300	5·6	290	5·9	300	5·9	300	4·6	305	3·6	310	4·6	310	4·6	5·3	9
330	5·2	330	5·2	325	4·6	330	3·9	320	3·0	310	2·3	310	2·0	295	1·6	280	1·6	275	1·6	270	2·3	275	4·6	4·1	10
25	5·9	30	6·6	20	6·6	15	4·9	25	3·9	15	4·3	5	3·9	360	3·6	360	3·3	360	2·6	360	2·6	5	2·3	4·4	11
20	7·2	25	6·9	20	5·6	20	4·9	10	4·3	350	3·0	345	2·0	345	2·0	345	1·6	—	1·0	—	1·0	—	1·3	4·2	12
250	6·2	255	5·6	245	5·6	235	5·2	235	4·9	235	4·6	225	4·6	240	5·2	250	6·2	240	5·2	240	4·9	245	4·3	3·7	13
295	5·2	295	3·6	285	3·3	295	4·6	300	3·6	290	2·6	290	2·3	300	3·3	300	3·6	300	3·0	295	2·3	295	3·3	2·8	14
20	3·3	20	3·6	20	3·3	20	3·9	25	3·6	40	3·6	50	2·3	—	1·3	85	2·3	85	1·6	85	1·6	—	0·7	2·4	15
240	3·9	240	4·3	235	4·3	240	3·9	250	3·9	245	3·6	230	2·6	225	3·0	225	2·0	245	3·3	255	3·0	260	3·0	2·3	16
10	4·6	10	5·9	10	5·2	10	4·3	360	3·0	360	2·0	360	2·6	—	1·3	10	2·3	10	2·0	10	2·3	10	3·0	3·3	17
50	4·3	55	3·9	60	3·6	65	3·3	85	2·6	100	2·6	100	3·0	100	2·0	—	1·3	—	0·3	—	0·3	—	0·0	2·5	18
—	0·7	—	0·7	310	1·6	5	1·6	—	1·3	—	0·7	—	0·7	—	0·3	—	0·7	—	0·3	—	0·7	—	0·7	**0·7**	19
285	3·6	290	3·3	285	3·0	—	1·3	—	1·0	275	1·6	280	3·3	355	6·6	360	5·6	360	4·6	360	4·6	360	4·6	2·4	20
350	4·6	330	4·3	350	5·2	350	5·2	350	3·6	340	2·3	340	2·0	345	2·0	345	1·6	340	3·3	335	3·3	330	3·0	3·0	21
5	6·6	5	6·6	5	5·6	45	7·2	65	3·6	—	0·7	30	1·6	10	2·0	10	2·6	10	2·0	—	0·7	—	0·7	4·4	22
255	2·3	260	2·6	270	3·0	280	3·6	270	3·3	255	2·0	—	1·3	230	2·3	225	2·0	225	1·6	220	2·6	220	3·0	2·1	23
265	3·0	265	4·3	265	3·9	260	3·9	255	3·6	250	3·3	295	1·6	—	1·3	285	2·0	—	1·3	270	1·6	275	2·6	2·5	24
290	1·6	—	1·3	325	3·6	—	1·0	240	1·6	230	2·0	245	1·6	—	1·0	—	1·0	—	1·0	—	1·0	—	0·3	1·5	25
10	7·9	10	7·9	10	8·5	10	7·9	15	7·5	15	7·5	10	6·2	10	6·2	5	5·6	5	5·6	360	5·6	360	5·2	5·2	26
15	9·5	10	8·5	10	8·5	10	8·9	10	8·5	5	7·5	5	6·2	5	5·9	5	5·9	360	5·6	360	3·9	360	2·3	6·9	27
5	6·9	360	5·6	5	6·9	5	5·6	5	5·2	10	4·6	10	3·9	10	2·3	10	1·6	—	1·0	—	1·0	—	1·3	3·3	28
290	3·6	290	4·9	290	4·6	295	3·6	300	3·0	310	1·6	300	1·6	295	2·3	290	2·3	290	2·3	280	1·6	280	2·3	2·8	29
225	5·6	220	5·2	220	4·9	220	5·6	215	6·2	215	5·9	215	5·2	205	4·6	200	3·9	200	4·3	200	4·3	205	4·3	4·0	30
205	6·2	200	5·9	195	6·9	200	6·9	205	5·6	205	4·9	210	3·3	200	3·9	195	2·3	200	3·0	205	4·3	210	5·6	4·6	31
—	5·1	—	5·2	—	**5·2**	—	4·9	—	4·2	—	3·5	—	3·3	—	3·3	—	3·1	—	3·0	—	2·9	—	3·1	3·7	

April, 1925.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
290	3·6	290	3·3	285	3·3	285	3·3	290	2·6	290	2·0	—	0·7	—	0·7	—	1·0	—	1·3	260	1·6	260	2·0	3·1	1
215	4·6	210	6·2	215	7·5	240	4·9	260	2·3	240	3·3	230	2·6	225	2·6	220	2·3	220	1·6	—	1·3	—	1·0	2·6	2
15	5·9	20	6·2	15	5·6	25	5·9	25	5·2	30	4·6	100	3·3	110	3·6	110	3·0	110	2·3	110	2·6	—	1·3	4·1	3
150	4·3	155	4·6	150	5·2	180	4·9	180	4·9	170	4·6	160	3·6	155	3·0	155	4·3	155	4·3	150	5·6	145	6·6	3·1	4
170	8·2	165	9·8	160	7·9	155	6·9	145	5·2	135	4·9	130	5·6	140	5·9	140	4·3	145	5·2	135	6·6	130	6·2	6·4	5
200	3·9	200	4·3	190	5·2	180	4·3	180	3·6	180	3·0	180	2·0	180	1·6	—	1·3	—	0·7	—	0·7	—	0·0	3·9	6
—	0·7	—	0·7	190	2·3	130	2·6	160	3·9	—	1·3	140	2·0	—	1·3	—	1·0	—	0·0	—	1·3	—	1·0	1·0	7
280	2·3	295	2·6	335	3·3	345	1·6	—	1·0	—	1·3	180	2·0	235	2·0	235	2·0	—	1·3	—	0·3	—	0·3	1·3	8
180	7·2	180	6·9	180	4·9	180	5·6	185	4·6	190	3·0	200	3·0	215	2·3	—	1·3	225	1·6	225	2·0	—	0·3	3·2	9
290	1·6	315	2·0	320	3·9	335	3·3	—	0·7	—	1·3	295	2·0	—	1·3	—	1·3	—	0·7	—	0·7	—	0·3	1·3	10
—	1·3	250	2·3	205	2·0	215	2·0	225	3·0	225	3·0	220	1·6	—	1·3	220	1·6	—	1·0	—	0·7	—	0·0	1·2	11
—	1·3	270	2·0	300	2·0	290	1·6	—	1·0	—	1·3	—	1·3	—	1·3	—	1·0	—	0·7	—	1·3	—	1·0	**0·9**	12
210	6·2	210	5·6	205	5·2	205	3·9	210	3·9	220	2·6	310	3·9	295	2·3	290	2·6	290	2·6	—	1·3	285	2·6	3·3	13
235	4·9	220	5·6	210	6·9	205	7·2	190	6·6	180	6·6	175	5·2	180	6·2	190	4·6	200	4·9	205	6·9	215	6·2	4·4	14
265	9·8	270	8·2	250	8·5	260	9·5	255	8·2	240	7·5	250	7·2	260	9·2	260	6·6	255	5·9	245	5·2	250	5·6	7·6	15
285	11·8	285	10·5	290	11·5	295	9·5	295	8·2	295	7·9	290	7·2	290	6·6	290	6·2	285	5·2	285	5·9	285	4·3	**8·6**	16
290	3·9	270	3·9	270	3·9	270	4·3	265	3·6	265	2·6	—	1·3	260	2·0	230	3·6	220	3·3	220	2·3	—	1·3	3·6	17
200	6·6	200	6·6	205	6·2	215	5·6	210	5·6	205	5·2	210	4·3	210	3·6	210	3·9	215	3·0	215	2·3	—	0·3	4·1	18
20	6·2	25	6·2	30	8·2	40	6·2	35	6·9	35	5·9	35	6·6	35	7·2	35	6·6	35	6·9	35	6·9	35	6·2	4·4	19
30	7·9	30	7·9	30	8·2	30	7·9	30	7·5	25	7·2	30	6·2	30	6·2	35	6·2	30	5·2	30	6·2	30	5·2	7·1	20
50	5·6	40	5·2	45	4·3	45	4·3	45	3·9	100	3·9	110	3·3	110	2·3	110	2·6	110	2·0	110	0·3	110	0·3	4·7	21
200	6·2	195	6·6	195	6·6	200	6·9	205	5·6	200	5·2	190	5·2	190	5·2	200	4·3	200	5·2	195	4·9	195	4·6	3·7	22
265	3·6	260	4·9	255	4·3	265	4·6	290	4·3	295	2·3	280	3·0	265	3·3	260	3·6	255	3·0	255	2·6	255	2·0	4·4	23
235	5·6	285	4·9	290	4·9	310	4·6	340	2·6	300	3·3	275	3·3	280	3·6	320	1·6	310	1·6	—	1·0	—	1·0	3·1	24
220	3·9	250	3·6	255	2·3	240	2·6	250	2·3	280	1·6	285	3·3	290	2·3	310	3·6	—	0·7	300	1·6	300	2·6	2·1	25
340	5·6	335	3·0	330	3·3	360	3·3	360	2·6	350	2·3	310	2·3	—	1·3	305	1·6	—	1·3	305	1·6	—	1·0	2·9	26
—	1·3	75	2·0	110	3·3	140	3·3	150	3·9	160	3·3	170	2·3	—	1·0	110	2·3	110	3·3	110	2·6	110	2·6	2·2	27
25	8·2	10	7·9	15	7·5	360	6·9	350	6·2	350	4·3	360	4·6	360	5·6	360	3·9	360	3·3	360	2·6	350	2·0	5·4	28
240	2·3	205	3·6	245	3·9	280	3·9	—	0·3	—	0·7	—	1·0	—	1·3	—	0·3	—	0·3	—	1·3	—	0·7	1·3	29
260	3·3	275	3·9	280	4·3	300	1·6	300	2·6	295	2·3	295	3·9	360	3·0	30	1·6	—	1·0	—	1·3	350	2·3	2·1	30
—	4·9	—	5·0	—	**5·2**	—	4·8	—	4·1	—	3·6	—	3·5	—	3·3	—	3·0	—	2·7	—	2·7	—	2·4	3·6	—
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North (E=90°, S=180°, W=270°, N=360°): Speed in metres per second.

461. Richmond (Kew Observatory): H_a (height of cups of anemograph above M.S.L.)=Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	330	3·3	340	4·3	340	3·6	335	4·3	325	4·6	320	4·9	305	4·6	310	5·2	320	6·9	325	6·6	320	5·9	325	7·5
2	—	0·7	—	0·3	—	0·0	—	0·3	—	0·7	—	1·0	—	0·7	—	1·3	285	1·6	290	3·0	260	3·3	270	3·3
3	—	1·3	225	1·6	—	0·7	—	0·3	—	0·0	—	0·0	—	1·0	185	3·0	190	4·6	205	4·9	210	6·9	205	7·5
4	200	5·6	205	4·9	220	3·9	225	4·3	230	3·0	225	2·3	240	3·3	270	3·0	255	5·2	230	4·6	225	4·6	225	4·6
5	190	3·0	215	3·6	275	4·3	285	2·6	270	1·6	—	1·3	220	2·3	225	3·0	210	5·2	210	6·2	200	6·6	210	6·6
6	—	1·0	145	2·3	160	3·3	155	3·0	150	3·3	145	4·6	155	5·9	205	4·3	185	4·6	180	7·2	180	6·2	180	6·9
7	115	4·3	125	3·6	150	5·9	120	4·3	130	4·6	130	4·9	155	4·9	190	6·2	200	5·6	185	6·6	185	6·9	185	7·9
8	175	4·9	180	4·9	170	3·3	155	3·6	160	4·6	165	5·2	155	5·6	155	6·6	155	6·6	180	8·9	190	6·9	195	6·9
9	—	1·0	—	1·0	—	1·0	200	2·3	200	2·6	220	3·3	210	3·6	225	4·9	235	4·6	240	6·2	205	5·9	225	4·9
10	—	1·0	—	1·0	—	0·7	—	0·7	—	1·0	—	1·3	180	2·6	200	2·6	230	2·3	250	2·0	—	1·0	235	3·0
11	—	1·0	—	0·7	—	1·3	—	1·0	—	1·0	215	1·6	220	2·6	240	3·9	240	3·3	230	5·6	235	6·2	225	8·2
12	220	4·6	220	3·3	225	2·6	250	2·6	245	2·0	240	2·6	245	3·3	255	2·3	250	2·6	255	3·3	250	2·6	240	3·6
13	—	1·3	235	1·6	245	1·6	—	1·3	—	1·0	230	2·3	245	3·6	255	2·6	220	2·3	235	2·3	245	2·3	255	1·6
14	—	0·3	—	0·7	—	1·0	—	1·0	—	0·7	—	0·3	—	0·7	30	2·6	20	3·6	40	3·9	45	2·3	50	3·0
15	50	1·6	70	2·0	40	1·6	50	2·0	35	1·6	40	1·6	40	2·6	50	2·3	80	3·9	90	4·9	90	5·9	90	5·6
16	85	2·0	—	1·3	—	1·3	—	1·0	—	0·7	—	0·7	—	0·3	—	0·7	—	0·3	—	1·0	180	2·0	180	3·9
17	240	2·3	260	2·6	270	1·6	—	1·3	275	1·6	270	1·6	—	1·3	—	1·0	—	0·7	—	1·0	—	1·0	90	2·6
18	—	0·7	—	0·7	—	1·0	—	0·3	—	0·7	—	0·7	—	0·7	40	3·0	90	3·9	80	5·9	105	3·3	—	1·3
19	—	0·7	95	1·6	—	1·3	120	2·3	—	1·3	—	1·0	165	1·6	180	2·0	180	2·6	210	4·3	175	3·9	175	4·6
20	—	1·0	—	1·3	—	1·3	275	1·6	270	1·6	245	1·6	245	1·6	255	3·0	270	2·0	270	3·3	270	2·3	255	3·3
21	—	1·3	—	0·7	230	1·6	—	1·3	210	1·6	220	1·6	240	2·3	235	2·6	245	2·3	225	2·6	255	3·0	225	3·0
22	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·7	—	1·0	—	0·0	145	2·3	185	4·3	160	4·3	180	3·9
23	90	4·9	95	3·3	80	3·0	90	2·0	100	2·3	100	2·0	90	2·0	100	2·0	120	2·0	155	3·9	170	4·6	180	5·9
24	210	1·6	200	1·6	205	1·6	195	1·6	200	2·0	205	2·6	195	2·6	200	4·3	195	4·6	190	5·6	190	6·2	190	7·5
25	180	3·0	180	2·6	180	3·3	185	4·6	185	3·9	190	4·3	190	3·3	185	4·9	190	3·9	200	4·6	190	4·9	195	4·3
26	—	0·7	—	0·7	—	0·7	—	1·0	—	0·7	220	1·6	230	1·6	230	1·6	255	2·6	260	3·0	275	3·3	280	4·3
27	210	4·6	215	4·9	210	5·6	210	5·6	205	7·2	200	6·6	200	6·6	210	7·5	205	9·2	205	7·9	210	8·2	210	8·9
28	205	3·9	220	4·6	220	5·2	220	5·6	225	5·9	230	6·2	240	6·9	250	6·2	245	5·9	255	5·6	245	6·6	230	6·6
29	215	4·3	215	3·6	210	3·3	215	3·6	220	3·9	235	5·6	235	5·9	240	5·6	235	5·2	240	7·9	255	5·2	245	6·6
30	210	8·9	215	7·5	220	7·5	220	7·5	230	6·9	240	5·9	255	6·2	245	7·2	250	5·9	240	7·5	240	8·2	235	8·9
31	230	5·2	230	4·3	230	4·6	225	4·3	225	4·6	225	5·6	240	6·6	250	5·9	255	6·6	260	6·6	260	6·2	255	6·6
Mean ...	—	2·6	—	2·5	—	2·5	—	2·5	—	2·5	—	2·8	—	3·1	—	3·6	—	4·0	—	4·9	—	4·7	—	5·3

462. Richmond (Kew Observatory): H_a=5 metres+20 metres.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	230	2·0	235	2·3	230	2·0	230	1·6	225	2·3	230	3·3	250	3·0	260	3·3	250	3·0	250	4·9	255	3·9	255	3·6
2	—	0·7	—	1·0	—	0·3	—	0·3	—	1·3	—	0·7	—	0·3	—	0·7	—	0·7	—	1·0	305	1·6	310	1·6
3	—	0·3	—	0·7	—	0·7	—	0·3	—	0·0	—	0·7	—	0·3	—	0·7	225	1·6	230	2·3	230	3·0	240	3·3
4	230	1·6	—	1·3	—	1·0	—	1·3	—	1·3	—	0·7	—	0·0	—	0·3	—	0·7	230	1·6	180	1·6	205	1·6
5	—	0·3	—	0·0	—	0·3	—	0·3	—	0·7	—	0·3	—	0·0	75	2·3	85	2·3	90	4·6	100	4·6	90	5·9
6	80	1·6	—	0·3	—	0·0	—	0·3	—	0·3	—	0·3	—	0·7	—	1·0	—	1·0	360	1·6	10	2·3	355	2·6
7	20	2·3	20	3·0	20	3·3	20	3·3	15	2·6	30	3·3	30	3·0	20	3·3	20	3·3	20	3·3	360	3·6	20	4·3
8	20	3·3	20	3·3	20	3·0	20	3·6	50	3·6	35	3·6	50	3·3	20	3·9	30	3·6	30	4·6	30	3·3	40	4·3
9	50	3·0	35	2·3	50	3·9	50	2·6	50	3·3	55	2·6	30	2·6	40	2·3	50	3·3	55	4·3	70	5·2	90	7·2
10	80	2·0	—	1·3	—	1·0	—	1·3	10	1·6	15	2·6	35	2·0	60	3·0	55	2·6	90	3·6	70	3·6	70	3·6
11	—	0·0	—	0·3	—	0·0	—	0·3	—	0·3	—	0·7	—	1·0	—	1·0	—	1·0	—	1·0	—	1·0	15	2·0
12	—	0·3	—	0·3	—	0·0	—	0·3	—	0·0	—	0·3	—	0·3	—	0·3	—	0·3	30	3·3	15	2·6	95	3·3
13	25	2·6	30	2·0	25	3·6	35	3·0	40	2·3	30	2·3	30	2·3	30	3·0	25	2·6	40	2·3	45	3·0	45	1·6
14	320	1·6	—	1·3	315	1·6	315	1·6	320	2·3	325	3·3	330	2·6	330	3·3	330	2·6	330	3·6	350	3·3	345	3·0
15	—	0·7	245	1·6	240	1·6	—	1·0	235	1·6	240	3·0	240	2·0	245	2·6	260	3·0	270	4·6	260	4·3	250	3·6
16	—	1·3	—	1·3	—	1·3	230	1·6	225	2·0	260	2·0	245	2·3	220	2·3	250	2·6	250	3·0	270	3·3	270	4·3
17	—	1·0	—	1·0	270	2·0	265	2·0	275	2·3	275	2·0	285	2·3	335	4·3	340	3·3	325	5·9	335	4·3	340	5·2
18	325	2·0	—	1·3	280	2·0	275	2·6	270	3·0	325	4·9	325	5·6	335	5·6	330	5·2	350	5·9	345	4·6	360	3·9
19	—	0·7	—	1·0	—	1·3	—	0·7	—	0·7	—	1·3	—	1·3	15	3·3	360	3·0	350	3·3	345	3·3	350	3·9
20	—	1·3	300	1·6	320	1·6	320	2·0	—	1·3	310	2·3	305	2·6	300	3·3	300	2·6	305	3·3	320	3·6	335	3·6
21	320	2·0	310	1·6	300	1·6	270	1·6	260	1·6	265	2·3	270	2·3	310	4·6	320	3·6	305	4·3	315	5·2	325	4·3
22	—	1·3	360	2·6	20	3·0	15	3·3	15	2·3	360	3·9	360	5·2	360	5·9	360	3·6	355	5·6	350	4·3	350	3·9
23	—	1·3	—	1·0	—	1·3	330	2·0	15	3·6	20	3·3	360	3·3	5	3·9	360	3·3	360	4·3	340	3·3	360	2·6
24	360	4·6	350	4·3	350	4·6	355	4·6	350	3·3	360	3·9	355	5·6	355	4·3	360	5·6	360	5·2	360	4·3	355	3·6
25	360	2·6	360	4·3	5	4·9	10	4·3	355	4·3	10	4·6	15	5·2	20	4·9	20	5·6	10	5·2	10	4·9	20	5·9
26	355	2·6	360	2·0	360	2·0	—	1·3	—	1·0	330	2·0	360	2·6	350	2·6	340	2·3	335	2·3	320	2·0	310	2·0
27	330	1·6	—	1·3	345	1·6	—	1·3	350	1·6	—	1·3	345	2·3	360	3·3	355	3·3	340	3·9	360	3·9	360	3·9
28	—	1·0	—	1·3	—	1·3	—	1·0	—	1·0	335	2·3	330	2·3	335	3·0	15	1·6	340	2·0	355	2·3	355	2·3
29	—	0·7	—	0·3	—	0·0	—	0·0	—	0·3	—	0·0	—	0·0	—	1·0	—	1·0	165	2·0	150	2·3	175	2·6
30	—	0·3	—	0·3	—	0·3	—	0·0	—	0·0	—	0·7	—	1·0	—	1·0	—	0·7	—	1·3	—	1·3	30	2·0
Mean ...	—	1·5	—	1·5	—	1·7	—	1·7	—	1·7	—	2·1	—	2·2	—	2·8	—	2·6	—	3·5	—	3·3	—	3·5
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L.+h_a (height of anemograph above ground) = 5 metres + 20 metres.

May, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
330	6.6	325	6.2	325	5.9	325	5.2	330	5.2	340	3.9	355	3.0	325	2.0	310	2.0	310	2.3	310	1.6	—	1.0	4.5	1
255	3.6	260	3.3	250	4.3	245	3.3	225	4.3	235	3.3	255	3.0	250	2.3	245	2.0	230	2.6	235	2.0	230	2.0	2.2	2
210	7.5	235	5.9	240	5.9	200	3.6	190	2.6	160	2.6	175	4.6	160	3.9	175	5.2	180	4.9	180	5.9	185	5.9	3.7	**3**
225	5.2	215	3.9	205	4.6	215	4.9	200	4.3	185	4.3	170	4.6	185	2.3	160	2.6	165	3.0	170	2.6	185	3.0	4.0	**4**
200	7.2	210	6.9	200	6.6	215	5.2	210	4.9	195	3.6	200	3.9	200	3.0	190	2.3	170	2.0	—	1.3	145	1.6	4.0	**5**
195	7.5	185	6.6	195	6.9	170	7.2	175	5.2	170	6.6	145	5.2	125	4.3	120	5.2	120	5.2	110	4.6	110	4.9	5.0	6
185	6.9	180	7.2	180	6.9	180	6.2	180	6.9	185	5.6	175	4.3	180	3.6	170	3.6	160	3.9	165	4.3	175	4.9	5.4	7
195	6.9	195	6.9	195	5.6	205	5.2	205	5.6	210	5.9	210	4.3	210	2.6	205	2.3	205	1.6	—	1.0	—	1.3	5.0	8
220	6.6	215	8.5	210	7.9	220	7.9	210	6.6	210	5.6	200	4.6	190	3.6	185	4.3	195	3.0	190	2.0	205	1.3	4.3	9
—	1.3	270	2.6	—	1.0	240	2.3	215	1.6	220	1.6	—	1.0	—	0.0	—	0.7	—	1.0	—	1.0	—	0.7	**1.4**	10
225	7.9	225	7.9	220	9.2	225	7.9	220	7.9	220	7.5	210	6 2	205	5.2	205	5.6	210	5.9	225	5.6	220	4.9	4.8	11
230	4.3	240	3.9	220	4.9	225	5.2	225	5.9	220	5.2	220	4.6	225	3.0	220	3.3	210	2.3	220	2.0	220	1.6	3.5	12
300	2.6	285	1.6	255	2.6	—	1.3	270	1.6	275	2.0	285	2.0	—	1.0	—	0.3	—	1.0	—	0.3	—	0.7	1.7	13
80	2.6	90	3.3	85	4.3	95	3.9	95	4.9	95	5.2	90	6.6	90	4.6	110	2.6	100	3.3	85	3.0	55	2.3	2.7	14
105	5.6	95	5.9	110	6.6	90	5.6	90	6.9	90	4.9	95	4.9	85	**3**.9	90	3.3	95	3.0	100	2.6	120	2.0	3.8	15
195	5.2	190	5.9	205	5.6	210	5.2	195	4.9	195	3.9	185	2.0	180	1.6	210	2.3	220	1.6	—	1.3	235	2.6	2.4	16
120	3.0	110	2.6	95	4.9	90	5.9	90	5.9	90	5.2	95	3.6	105	2.3	100	2.0	110	2.6	—	1.0	—	1.0	2.5	17
70	2.3	90	3.0	280	2.0	335	2.6	330	1.6	330	1.6	70	3.0	35	2.0	25	1.6	85	2.3	75	2.0	—	1.0	2.0	18
190	4.3	200	4.9	215	4.6	220	3.3	245	3.3	215	3.0	200	3.0	200	2.6	210	2.3	220	1.6	265	2.0	—	1.0	2.6	19
250	3.3	230	4.3	225	5.2	235	4.9	240	4.9	235	4.9	230	3.6	225	3.0	230	2.6	230	2.6	230	2.0	240	1.6	2.8	20
215	3.0	265	2.0	215	3.3	200	3.6	200	3.9	200	3.3	215	3.3	200	2.0	195	1.6	—	1.3	—	0.7	—	1.0	2.2	21
170	4.6	145	5.2	150	6.6	120	5.6	115	6.2	100	7.9	105	6.2	95	5.2	90	6.2	90	6.6	95	6.6	90	5.9	3.7	22
180	5.6	180	4.9	200	3.9	220	3.6	240	3.9	235	2.0	240	2.0	—	1.3	240	2.6	235	3.0	215	2.0	240	2.0	3.2	23
170	7.2	180	7.5	180	6.6	170	6.9	165	5.9	180	5.2	180	4.6	185	3.9	180	3.6	180	3.0	185	3.6	185	3.3	4.3	24
200	4.3	195	3.6	210	3.3	200	3.6	180	2.3	185	2.6	—	1.3	—	1.0	—	1.0	—	0.7	—	0.3	—	1.0	3.1	25
285	4.6	270	3.6	285	3.9	270	2.3	245	3.3	230	3.6	230	4.6	225	3.9	220	4.3	220	4.9	220	4.3	215	4.9	2.8	26
220	8.5	225	7.5	215	7.5	220	6.9	215	5.6	210	4.3	210	6.6	215	5.6	210	5.2	220	4.9	210	4.3	200	3.6	6.4	27
225	5.6	220	7.2	220	7.2	225	7.2	220	6.6	220	5.9	215	5.2	215	3.9	210	2.6	205	2.6	210	3.0	210	3.3	5.4	28
245	6.6	235	6.2	235	8.5	225	8.9	230	8.9	225	7.5	220	7.5	220	7.9	210	8.5	215	9.2	210	9.8	215	8.2	6.5	29
235	8.2	230	8.9	230	9.8	235	8.9	240	6.9	230	8.2	230	7.2	235	6.2	235	5.2	235	3.3	230	3.6	225	4.6	**7.2**	30
245	5.2	230	7.5	230	6.6	240	5.9	225	8.2	260	3.9	260	2.6	230	2.6	225	2.0	220	2.6	230	2.0	230	2.0	5.0	31
—	5.3	—	5.3	—	**5.6**	—	5.2	—	5.1	—	4.5	—	4.2	—	3.2	—	3.2	—	3.1	—	2.9	—	2.7	3.8	

June, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
240	4.3	245	4.3	235	3.9	275	3.9	255	2.3	230	3.6	260	3.6	—	1.3	—	1.3	—	1.0	—	0.7	—	1.3	2.8	1
320	2.0	315	3.6	335	3.3	330	3.0	315	2.0	340	2.6	—	1.0	—	0.3	—	0.3	—	1.3	—	1.0	—	0.3	1.3	2
260	3.6	270	3.6	250	3.6	270	3.6	285	3.6	280	3.3	285	2.0	—	1.0	—	1.0	235	1.6	—	1.3	—	1.0	1.8	3
—	1.3	195	1.6	195	2.3	195	2.0	200	2.3	180	2.0	180	2.0	185	2.3	—	0.3	—	0.3	—	0.7	—	0.3	1.3	4
90	6.9	90	7.2	90	7.2	95	7.5	95	8.2	100	6.9	105	6.6	90	4.9	90	4.9	90	5.2	80	2.3	80	3.0	3.8	5
360	3.6	345	3.0	355	3.3	355	3.9	10	2.6	30	2.0	90	2.6	60	1.6	25	3.9	20	4.3	20	3.9	20	3.0	2.1	6
25	4.9	25	4.6	20	4.6	25	4.6	20	4.9	25	4.6	20	3.6	20	3.9	20	3.9	30	3.6	30	3.0	20	3.0	3.7	7
55	4.3	55	4.9	60	5.2	70	5.6	95	6.6	95	4.9	90	3.6	45	3.6	20	3.3	20	2.3	20	2.3	30	3.0	3.9	8
100	7.5	100	8.2	100	7.2	100	5.9	90	7.2	90	5.9	90	5.9	80	5.6	85	4.3	80	4.6	80	3.9	80	4.3	**4.7**	9
90	3.9	95	3.9	100	4.6	100	4.6	120	4.3	120	3.3	105	3.0	110	2.0	—	1.3	105	1.6	—	0.3	—	0.0	2.6	10
360	2.3	350	3.0	360	2.6	360	2.6	20	2.3	20	2.3	—	0.7	—	0.3	—	0.3	—	0.3	—	0.7	—	0.0	**1.1**	11
95	2.6	75	2.0	30	2.6	25	3.0	20	4.6	40	3.6	70	3.3	90	3.0	80	3.3	90	3.0	90	2.6	90	2.6	1.9	12
30	2.0	335	2.3	330	1.6	330	2.3	330	3.3	335	3.3	330	2.6	330	1.6	—	1.3	335	1.6	335	2.3	320	2.3	2.4	13
345	3.0	330	2.6	330	2.3	330	1.6	360	2.0	20	2.3	50	3.6	55	2.6	80	2.6	—	1.3	—	1.3	—	0.7	2.4	14
260	3.9	245	3.3	270	2.6	275	3.3	265	2.6	255	3.3	235	3.9	235	3.6	240	2.6	240	2.0	225	2.0	220	1.6	2.7	15
275	3.0	270	3.3	310	3.6	315	3.9	325	3.3	340	3.9	340	3.0	340	1.6	—	1.3	—	1.0	300	2.0	330	1.6	2.5	16
340	4.3	340	3.0	345	3.3	325	3.6	340	2.3	340	2.6	335	2.0	330	2.3	—	1.3	—	0.7	—	1.0	340	2.3	2.7	17
360	4.3	360	3.0	360	3.9	15	3.6	15	3.0	25	3.6	30	2.3	50	3.0	40	3.0	45	2.0	—	0.7	—	0.7	3.4	18
350	3.0	340	3.0	325	2.0	310	2.6	320	2.0	330	1.6	—	0.3	—	0.7	—	1.0	—	1.3	275	2.0	—	1.0	1.8	19
330	3.9	320	3.9	300	3.3	315	3.6	310	3.0	325	3.0	350	3.0	345	2.0	330	1.6	340	3.3	335	2.0	335	3.0	2.7	20
325	4.6	330	5.2	325	5.9	330	5.2	10	4.3	20	4.6	25	3.3	25	2.0	20	1.6	—	0.7	—	0.7	—	0.7	3.1	21
335	3.9	340	4.9	350	3.6	360	3.3	360	3.6	360	3.0	360	2.6	360	2.0	350	1.6	—	1.3	—	1.3	340	2.0	3.2	22
355	4.3	355	3.6	15	3.6	5	5.2	20	4.9	15	4.9	15	4.6	15	3.0	360	3.3	355	3.6	350	3.6	360	4.3	3.4	23
360	5.2	360	4.3	360	3.3	360	3.0	10	5.2	360	4.9	360	3.6	360	3.6	360	3.9	355	3.6	345	2.6	360	2.6	4.2	24
20	4.9	15	5.2	15	5.2	15	5.2	20	4.9	30	5.2	45	4.9	40	4.6	20	2.6	—	1.3	320	1.6	340	2.0	4.4	25
300	2.3	290	2.0	275	2.0	280	2.6	305	3.3	—	1.0	—	1.0	295	2.0	360	3.3	15	2.6	15	3.0	—	1.0	2.1	26
10	5.2	10	4.6	20	3.3	360	3.9	355	3.9	10	4.9	360	3.9	10	3.9	15	3.9	5	3.0	355	2.0	360	1.6	3.0	27
340	2.6	330	2.6	30	2.0	—	1.3	—	1.0	—	1.0	115	2.3	110	3.3	120	2.3	—	1.3	—	0.3	—	0.3	1.8	28
170	2.6	155	3.0	150	2.6	180	3.6	200	4.3	205	4.6	190	3.6	195	2.3	—	0.7	—	0.0	—	0.3	—	0.3	1.6	29
90	3.6	105	4.6	90	5.2	90	5.6	95	6.2	95	4.3	90	4.6	100	3.0	140	1.6	110	1.6	—	1.0	—	0.7	2.1	30
—	3.8	—	**3.8**	—	3.7	—	3.8	—	3.8	—	3.6	—	3.1	—	2.5	—	2.3	—	2.0	—	1.7	—	1.7	2.7	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North (E=90°, S=180°, W=270°, N=360°): Speed in metres per second.

463. Richmond (Kew Observatory): H_a (height of cups of anemograph above M.S.L.)=Height of ground above

Day.	1. °	1. m/s.	2. °	2. m/s.	3. °	3. m/s.	4. °	4. m/s.	5. °	5. m/s.	6. °	6. m/s.
1	—	0·3	—	0·3	—	0·3	—	0·3	—	0·0	—	0·3
2	—	1·3	—	1·3	140	1·6	150	1·6	—	1·0	90	1·6
3	55	3·6	30	2·6	30	2·3	45	2·6	45	3·3	50	3·3
4	15	4·3	10	5·6	20	4·9	10	4·9	10	6·9	15	6·2
5	310	1·6	—	1·3	—	1·3	360	2·6	330	1·6	320	2·0
6	—	1·3	230	1·6	—	1·3	—	1·3	—	1·3	240	2·3
7	230	3·3	230	3·3	220	2·3	230	3·6	240	2·6	210	2·6
8	—	0·7	—	1·0	—	1·0	—	0·7	—	0·7	—	0·7
9	335	2·3	330	2·3	—	1·0	—	1·3	310	1·6	320	2·3
10	235	2·0	225	1·6	220	1·6	230	2·3	230	2·3	230	3·6
11	—	1·3	—	1·0	—	1·0	—	0·3	—	1·3	325	3·0
12	—	1·0	—	0·3	—	1·0	—	1·0	—	0·3	—	0·3
13	—	0·3	—	0·0	—	0·3	—	0·3	—	1·0	110	2·0
14	—	0·7	—	1·0	—	0·3	—	0·3	—	0·0	—	0·7
15	—	0·7	—	0·7	—	0·7	—	1·0	—	0·7	—	1·3
16	—	0·3	—	1·0	—	1·3	—	1·3	—	0·7	—	0·7
17	—	1·3	—	1·3	—	1·3	—	1·3	—	0·7	—	1·0
18	195	2·6	200	3·9	190	2·6	190	3·3	190	3·3	195	3·3
19	170	2·0	165	2·6	160	2·0	145	1·6	160	2·0	185	3·9
20	70	3·3	95	3·3	90	3·3	95	3·0	90	2·0	65	1·6
21	—	0·7	—	1·3	40	2·6	—	1·3	—	1·3	30	1·6
22	150	3·3	50	3·9	40	1·6	45	2·3	50	2·6	65	3·3
23	—	1·3	50	3·6	90	3·3	—	1·3	185	2·3	—	1·0
24	40	2·3	30	2·6	—	1·3	—	0·3	—	0·7	—	0·3
25	20	3·6	360	1·6	355	2·3	355	2·0	—	1·3	355	2·6
26	230	5·2	215	4·3	215	3·9	220	4·3	260	3·0	260	2·3
27	190	4·6	230	3·3	240	2·3	225	3·0	230	4·6	230	4·9
28	245	4·9	245	4·9	250	4·9	245	5·2	245	4·9	250	5·2
29	230	1·6	235	2·0	225	2·0	215	1·6	210	2·3	215	3·0
30	—	1·3	220	2·6	235	3·0	245	2·6	235	3·3	240	3·3
31	—	1·0	—	1·0	—	1·0	—	0·3	—	0·3	—	1·0
Mean ..	—	2·1	—	2·2	—	1·9	—	**1·9**	—	**1·9**	—	2·3

Day.	7. °	7. m/s.	8. °	8. m/s.	9. °	9. m/s.	10. °	10. m/s.	11. °	11. m/s.	Noon. °	Noon. m/s.
1	—	0·0	—	0·7	—	1·3	55	3·3	95	3·6	100	4·3
2	90	2·3	—	0·7	—	0·7	—	0·3	75	3·6	95	5·9
3	40	2·6	30	2·0	15	2·3	30	3·0	45	3·3	40	1·6
4	20	4·9	20	5·9	15	5·6	360	6·6	360	5·9	15	4·9
5	340	3·6	330	3·3	345	2·0	345	3·9	345	2·6	330	1·6
6	240	2·0	250	2·6	270	3·6	265	4·6	240	5·6	235	4·6
7	—	1·0	—	1·0	320	2·6	300	3·9	305	3·6	315	5·6
8	—	1·3	335	1·6	—	1·0	320	2·3	340	2·3	360	3·0
9	330	2·6	340	3·3	340	3·9	320	3·3	330	3·9	330	3·9
10	245	3·6	235	4·3	245	3·9	240	3·6	245	2·3	265	2·6
11	355	3·9	360	3·6	360	3·6	360	3·3	350	3·0	355	3·0
12	—	0·7	—	1·0	—	1·0	—	1·3	225	1·6	235	2·0
13	105	3·6	100	3·9	110	3·3	90	5·2	105	3·6	90	4·3
14	—	1·3	185	1·6	200	1·6	200	3·3	190	2·3	200	2·6
15	—	1·3	—	1·3	—	1·3	240	*1·6	220	*1·6	—	*1·5
16	—	1·0	—	1·0	195	1·6	210	3·6	190	3·9	200	5·9
17	—	1·3	235	2·0	225	3·3	210	2·3	225	3·0	235	3·3
18	200	4·9	200	4·3	210	5·9	215	5·6	195	5·2	200	6·2
19	160	3·9	95	3·6	115	3·3	175	7·2	180	6·6	185	5·9
20	40	2·3	20	2·3	25	3·3	30	3·3	30	1·6	50	2·6
21	40	1·6	35	2·3	50	3·3	60	4·6	90	3·6	90	3·0
22	65	3·3	80	3·3	120	3·0	130	3·3	120	4·9	125	5·9
23	—	0·7	115	2·3	140	2·3	120	2·6	120	3·3	120	3·9
24	—	0·7	—	0·3	—	1·3	120	1·6	—	1·3	215	1·6
25	330	2·0	335	2·6	335	1·6	315	1·6	345	1·6	350	1·6
26	235	2·3	220	2·3	220	2·6	185	3·3	210	5·2	260	5·6
27	225	5·9	210	4·9	235	6·6	240	8·5	235	9·5	235	9·2
28	250	3·9	255	6·6	260	5·2	260	6·9	260	5·2	260	5·9
29	225	4·3	225	5·2	230	5·2	220	4·6	210	3·9	205	4·6
30	240	3·9	240	4·6	255	4·6	250	4·6	285	3·9	255	5·9
31	80	2·0	90	3·3	75	3·3	60	4·9	60	4·3	45	3·9
Mean ..	—	2·5	—	2·8	—	3·0	—	3·8	—	3·7	—	4·1

* *Values from Dines Tube Anemograph.*

464. Richmond (Kew Observatory): H_a=5 metres+20 metres.

G.M.T. ...	1. °	1. m/s.	2. °	2. m/s.	3. °	3. m/s.	4. °	4. m/s.	5. °	5. m/s.	6. °	6. m/s.
1	—	1·3	265	1·6	—	1·0	—	1·3	—	1·0	260	2·0
2	—	1·0	—	1·3	300	2·0	300	2·3	290	2·0	305	2·6
3	—	1·3	—	1·0	—	1·3	—	1·3	—	1·0	215	1·6
4	—	1·3	—	1·3	—	1·3	235	1·6	—	1·3	—	1·0
5	—	1·0	—	0·7	—	1·0	—	1·0	—	1·0	—	1·0
6	—	1·3	—	1·0	—	1·3	—	0·7	—	0·3	—	1·0
7	—	0·7	—	1·0	230	1·6	240	1·6	—	1·0	—	1·3
8	—	0·7	—	0·0	—	0·7	—	0·7	—	0·7	—	1·3
9	150	2·3	130	2·0	165	3·9	170	4·6	175	5·2	190	4·9
10	210	2·0	—	1·0	—	1·0	—	0·7	—	1·3	175	1·6
11	210	2·3	200	3·0	200	2·0	—	1·0	—	0·7	215	1·6
12	—	0·7	—	1·3	195	2·0	200	2·0	190	2·3	195	3·6
13	195	2·3	195	2·6	190	2·6	205	1·6	185	1·6	190	2·6
14	—	0·3	—	1·3	—	0·7	—	0·7	—	0·0	—	0·3
15	45	2·6	20	3·3	35	3·9	40	3·9	40	3·3	40	3·6
16	—	0·7	—	0·7	—	1·0	—	1·3	230	1·6	—	1·3
17	—	0·7	—	0·3	—	0·7	—	0·7	—	0·3	—	0·7
18	—	0·3	—	0·3	—	1·3	70	3·3	60	2·6	80	3·6
19	90	2·6	85	2·3	80	3·0	75	2·6	60	3·3	65	2·3
20	—	1·0	—	1·6	—	1·3	—	1·0	—	0·7	—	0·3
21	175	2·0	190	2·6	190	2·3	195	1·6	170	1·6	—	1·3
22	120	1·6	120	3·0	130	2·0	130	2·6	110	2·0	105	2·0
23	—	1·0	—	0·7	230	1·6	235	2·0	—	1·3	—	1·3
24	55	2·0	90	2·0	105	1·6	85	1·6	—	1·3	80	2·3
25	300	2·3	300	3·0	305	2·3	305	2·6	305	2·3	315	3·6
26	—	0·7	—	1·0	—	0·7	—	0·7	—	0·3	—	0·3
27	220	2·6	225	3·3	225	2·6	225	3·3	225	2·3	230	2·6
28	235	1·6	230	2·0	—	1·3	240	1·6	235	2·3	230	1·6
29	230	3·3	240	3·0	245	2·6	240	2·6	240	2·6	225	2·6
30	—	1·0	260	1·6	—	1·3	—	1·3	—	1·3	—	1·3
31	230	1·6	230	1·6	230	1·6	—	1·3	225	2·0	215	2·6
Mean ..	—	**1·5**	—	1·7	—	1·7	—	1·8	—	1·6	—	1·9

G.M.T. ...	7. °	7. m/s.	8. °	8. m/s.	9. °	9. m/s.	10. °	10. m/s.	11. °	11. m/s.	Noon. °	Noon. m/s.
1	265	2·3	260	3·0	280	2·0	295	2·3	245	2·6	245	2·0
2	320	3·9	330	4·6	325	5·2	320	6·9	325	4·6	300	4·9
3	250	2·0	225	2·0	220	3·6	235	3·3	230	4·3	240	3·6
4	—	0·3	—	1·0	—	1·0	245	2·0	255	2·0	260	2·0
5	—	1·3	—	1·0	250	1·6	255	2·6	265	2·3	255	3·3
6	180	3·6	205	3·6	195	4·3	205	4·6	185	4·6	190	3·9
7	225	1·6	225	1·6	230	2·3	240	4·3	230	3·6	220	4·9
8	180	2·0	180	2·6	195	4·3	230	4·9	230	5·6	225	4·9
9	215	4·3	225	3·9	230	3·9	250	3·9	240	4·3	230	3·6
10	190	1·6	185	2·0	185	2·6	180	2·6	190	2·0	195	2·3
11	215	4·3	220	3·6	230	2·0	—	1·3	225	2·3	275	3·0
12	195	4·3	210	5·2	210	4·9	205	5·6	205	5·6	205	6·6
13	195	3·0	180	1·6	200	3·0	215	4·3	210	3·6	230	3·9
14	—	0·3	—	0·7	—	1·3	15	2·0	360	3·0	360	1·6
15	45	3·9	50	4·6	40	4·6	25	5·9	20	5·2	30	4·9
16	—	1·3	—	1·3	—	1·3	300	2·6	310	3·0	315	2·6
17	—	0·7	—	1·0	—	1·0	220	2·0	—	1·3	200	1·6
18	70	3·6	80	4·6	80	3·9	80	5·6	75	5·6	100	4·9
19	55	2·3	70	3·3	55	2·6	50	2·0	85	3·0	95	3·0
20	70	1·6	80	1·6	—	0·7	—	1·3	245	2·0	—	1·0
21	125	1·6	115	2·3	115	3·3	150	5·6	175	3·6	165	3·3
22	135	2·0	175	2·6	180	3·0	170	3·9	150	5·2	135	3·6
23	—	1·0	—	0·7	230	1·6	220	3·0	—	1·0	190	4·6
24	80	1·6	—	0·7	—	0·7	360	2·0	—	1·3	330	3·3
25	330	3·6	330	4·3	340	3·9	340	5·9	340	5·9	340	4·3
26	—	0·3	230	2·0	235	2·6	230	5·6	230	5·6	240	3·9
27	230	3·3	225	3·9	220	4·3	230	3·3	230	4·3	235	4·9
28	235	2·0	260	2·3	275	2·3	285	3·3	250	3·3	240	3·6
29	235	3·0	250	2·6	280	2·6	285	4·3	280	4·3	275	3·6
30	255	1·6	280	1·6	285	2·3	305	2·3	315	2·6	285	3·0
31	235	2·0	235	2·6	265	3·0	265	3·9	270	3·9	270	3·9
Mean ..	—	2·3	—	2·5	—	2·8	—	3·7	—	3·6	—	3·6

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L.+h_a (height of anemograph above ground) =5 metres +20 metres.

July, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
110	4·9	115	4·6	110	5·2	105	4·9	125	6·2	110	4·9	90	5·9	90	3·9	85	3·9	85	5·2	80	3·9	75	2·0	2·9	1
90	6·6	90	8·5	110	8·2	100	8·5	100	7·5	90	8·2	85	7·9	85	6·6	70	6·2	75	4·9	60	4·9	60	4·3	4·3	2
—	1·0	—	0·7	—	1·0	—	0·7	—	0·7	—	0·7	45	3·9	40	5·9	25	5·2	30	4·6	20	5·9	15	5·6	2·8	3
20	4·9	15	4·9	360	4·9	360	4·6	360	5·2	360	4·3	10	4·3	10	3·3	355	2·3	345	2·3	330	2·3	340	1·6	4·7	4
345	1·6	360	2·0	350	2·3	320	2·6	345	1·6	—	1·0	—	0·3	—	0·3	—	1·0	—	1·3	—	1·0	—	0·7	1·8	5
230	5·6	230	6·6	225	5·9	240	7·5	225	6·2	230	5·9	230	5·6	230	5·2	215	4·6	230	3·9	235	3·0	230	3·0	3·8	6
330	6·2	320	4·9	320	4·9	325	5·6	325	4·3	320	3·9	315	3·0	320	2·3	305	2·6	320	1·6	—	1·3	—	1·3	3·3	7
335	2·6	340	2·6	345	2·3	340	2·0	325	2·3	330	2·0	330	2·0	330	2·0	—	1·3	330	1·6	330	2·3	330	1·6	1·7	8
310	4·6	335	2·6	330	2·6	320	3·6	295	3·0	300	2·6	290	2·0	—	1·3	—	1·3	235	2·3	225	1·6	225	2·3	2·5	9
255	2·3	285	2·3	285	2·3	275	1·6	315	3·0	340	2·3	340	2·0	345	3·0	340	2·0	340	2·3	330	2·0	—	1·3	2·5	10
325	3·0	325	3·6	320	3·6	350	3·3	360	2·6	355	2·0	—	1·0	—	1·3	330	2·3	340	1·6	—	0·7	—	0·0	2·3	11
255	1·6	70	2·6	170	2·3	200	3·0	190	4·6	195	3·6	200	3·0	185	2·0	145	1·6	—	1·3	—	0·7	—	0·7	1·6	12
100	4·6	90	4·6	110	4·6	105	4·6	105	3·9	100	4·3	110	3·6	95	3·6	90	2·6	140	1·6	100	3·0	—	0·7	2·9	13
220	2·3	210	3·0	210	3·0	220	3·0	230	3·0	240	3·6	230	3·9	210	2·0	—	1·0	—	0·3	—	0·7	—	1·3	1·8	14
210	2·0	235	1·6	240	2·0	280	3·0	300	2·3	295	3·0	—	1·0	—	1·3	—	1·3	—	1·0	—	0·7	—	0·3	1·4	15
205	5·6	215	4·3	220	5·2	225	4·3	225	4·3	225	3·3	275	2·6	315	1·6	—	1·0	255	2·0	275	2·3	—	0·7	2·5	16
215	3·3	220	3·6	200	3·9	200	4·9	205	5·2	205	6·2	210	5·6	200	5·2	190	3·9	200	3·6	195	3·6	205	3·9	3·1	17
225	6·6	225	6·2	215	6·9	210	6·6	225	6·9	215	6·6	225	5·6	220	4·6	200	3·3	215	2·0	—	1·3	—	1·3	4·6	18
185	6·2	190	6·2	200	5·9	185	5·2	175	4·6	175	3·6	155	2·6	125	2·0	—	1·3	120	2·3	—	1·0	—	0·3	3·6	19
55	3·0	75	2·3	85	2·3	125	3·0	—	1·3	—	0·3	—	0·7	—	0·7	—	0·0	—	0·3	—	1·0	50	1·6	2·0	20
65	3·6	65	3·0	75	4·3	85	4·6	95	5·6	90	4·6	100	4·6	90	4·3	70	3·9	65	4·9	65	5·2	65	5·2	3·3	21
125	5·6	130	5·9	140	6·2	175	4·9	180	5·6	175	2·0	165	2·0	360	2·0	240	1·6	190	2·6	—	1·0	—	1·3	3·5	22
125	3·6	130	3·3	140	3·9	145	2·6	110	2·3	—	1·0	85	1·6	85	1·6	110	2·6	90	2·3	95	3·3	65	2·6	2·4	23
280	2·3	30	2·0	—	1·3	30	2·0	—	1·3	—	1·0	—	1·0	—	0·7	—	0·7	—	1·0	—	1·0	15	3·3	**1·3**	24
—	1·3	275	1·6	270	2·3	240	2·3	260	2·3	235	2·3	240	2·3	230	3·3	220	3·0	230	3·9	230	4·3	220	4·3	2·4	25
260	6·2	260	6·6	260	6·2	235	7·2	240	6·2	230	7·2	230	7·5	220	4·9	220	4·3	200	3·9	190	4·3	180	4·9	4·7	26
230	9·2	230	8·5	230	7·9	235	6·9	250	6·2	265	4·6	250	2·6	245	2·3	240	3·0	240	4·3	250	5·6	250	4·9	**5·6**	27
270	5·9	270	4·9	280	5·9	270	5·6	270	5·9	260	5·2	265	4·6	250	3·3	250	2·6	230	2·0	230	2·3	230	2·3	4·8	28
210	5·2	205	5·9	215	5·6	210	4·3	200	5·2	215	6·2	210	5·9	210	4·9	220	4·9	240	3·3	245	2·6	—	1·3	4·0	29
245	5·9	255	4·6	270	6·6	255	6·6	250	5·9	255	5·6	250	3·9	240	2·6	230	3·6	230	2·3	235	1·6	—	1·3	3·9	30
35	3·6	30	3·3	45	1·6	30	1·6	—	1·3	—	1·0	—	1·0	—	1·3	280	1·6	—	1·0	—	1·0	—	1·0	1·9	31
—	4·2	—	4·1	—	**4·2**	—	**4·2**	—	4·1	—	3·7	—	3·3	—	2·9	—	2·6	—	2·5	—	2·4	—	2·2	3·0	—

August, 1925.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
200	3·0	275	4·6	300	2·3	260	4·3	270	5·9	280	5·2	305	2·6	300	1·6	—	1·0	—	0·7	—	1·3	—	1·0	2·3	1
300	4·3	315	4·3	310	3·6	290	4·3	295	3·9	300	3·0	290	1·6	—	1·3	255	1·6	—	1·0	—	1·3	230	1·6	3·0	2
240	3·9	230	4·9	230	5·9	230	5·6	225	5·6	225	4·9	225	3·9	215	3·3	220	2·0	210	2·0	—	1·3	—	1·0	3·0	3
—	1·3	240	2·0	250	1·6	255	1·6	240	1·6	—	0·7	—	0·7	—	1·0	200	2·0	—	1·3	240	1·6	240	1·6	1·4	4
280	3·3	260	3·0	265	3·3	260	3·3	260	3·3	260	3·3	245	2·3	235	2·3	230	3·0	235	2·3	235	2·3	230	2·0	2·1	5
225	3·6	205	3·9	200	3·0	210	3·6	215	3·9	190	2·6	205	3·3	215	2·6	210	2·6	230	2·3	—	1·3	—	1·3	2·7	6
230	4·9	210	5·6	225	4·9	220	5·2	230	5·6	225	4·6	210	4·3	205	3·0	190	3·0	190	1·6	—	1·0	—	1·0	2·9	7
210	5·6	190	5·2	215	5·6	205	4·6	200	4·9	200	3·3	200	3·0	195	2·6	165	2·3	155	1·6	—	1·3	165	2·3	2·9	8
210	4·3	220	5·2	225	5·6	230	4·6	230	4·6	230	3·9	225	3·3	215	2·0	210	2·3	205	2·3	200	2·3	200	2·3	3·7	9
235	1·6	230	3·0	225	2·0	220	2·3	255	1·6	—	1·3	210	1·6	210	2·3	210	3·0	240	2·3	230	2·0	230	2·0	1·9	10
260	3·6	290	3·0	255	3·0	255	2·6	280	3·6	60	1·6	210	2·0	—	1·3	245	2·0	240	1·6	—	1·3	—	1·0	2·3	11
205	6·9	210	6·9	215	7·2	215	6·9	215	7·2	210	6·2	205	5·6	200	4·3	195	3·6	220	4·6	195	2·3	190	3·0	**4·5**	12
225	3·9	210	3·6	210	3·3	210	3·3	240	1·6	—	1·0	—	1·0	—	1·3	—	0·3	—	0·7	—	0·7	—	1·0	2·3	13
350	2·3	340	1·6	30	2·6	25	3·6	20	4·3	15	5·9	15	4·3	20	3·9	20	4·6	30	4·6	40	3·9	35	3·9	2·3	14
25	4·6	25	4·3	25	3·9	25	4·3	25	3·3	30	3·0	—	1·3	—	0·3	—	0·3	—	0·0	—	0·7	—	1·0	3·3	15
315	2·6	320	2·6	340	2·3	345	2·0	350	1·6	—	1·0	—	0·0	—	0·0	—	0·7	—	0·3	—	0·7	—	1·0	1·4	16
220	2·0	250	2·0	225	2·0	220	2·3	205	3·6	210	2·0	—	1·3	—	0·7	—	0·0	—	0·0	—	0·3	—	0·0	**1·2**	17
90	6·2	80	6·2	85	6·9	80	6·6	80	5·6	85	5·2	90	6·2	90	5·9	95	3·6	105	4·3	100	3·6	100	2·6	4·2	18
75	2·6	65	2·3	65	3·0	70	1·6	90	2·0	50	2·0	—	1·3	—	1·0	—	0·7	90	2·3	—	1·3	—	1·3	2·3	19
—	0·7	—	0·7	—	0·7	190	2·0	—	1·3	175	1·6	190	1·6	205	1·6	200	2·0	190	2·0	—	1·0	190	1·6	1·3	20
190	4·9	180	5·9	175	5·9	165	5·6	150	6·2	135	5·6	165	5·2	205	2·6	—	1·3	—	1·3	125	1·6	135	1·6	3·3	21
155	3·9	150	4·3	70	2·6	70	4·6	85	3·9	80	2·6	55	1·6	—	0·7	—	1·0	—	1·0	—	0·7	—	1·0	2·6	22
190	5·6	215	5·2	190	3·9	190	3·0	170	2·0	—	1·3	120	2·0	105	3·6	90	3·6	70	3·3	55	2·6	55	2·3	2·4	23
335	3·9	335	3·9	360	3·0	10	4·6	360	3·3	355	2·0	—	1·3	320	2·3	330	2·0	320	2·0	310	2·6	310	3·0	2·3	24
335	5·2	345	4·9	345	4·3	345	3·0	345	2·3	340	1·6	—	1·0	—	1·0	—	1·0	—	0·3	—	0·3	—	0·3	2·9	25
240	5·6	225	5·2	240	4·9	240	5·6	230	4·6	230	3·9	230	3·0	210	1·6	210	2·6	220	3·9	210	3·9	215	3·3	2·9	26
240	5·2	265	4·9	270	4·9	265	4·3	275	2·6	270	2·3	260	2·6	250	2·0	260	2·3	230	1·6	240	2·6	240	2·0	3·3	27
240	3·6	245	3·0	245	3·0	245	3·9	235	3·9	245	3·0	245	2·0	240	2·6	230	2·0	235	2·6	240	2·6	240	2·0	2·6	28
275	4·3	275	4·9	280	3·9	315	4·3	330	3·6	335	3·0	320	2·6	320	2·0	340	2·3	—	1·3	—	0·7	—	1·0	3·0	29
280	3·6	275	3·3	260	3·3	270	3·6	255	2·3	255	2·6	230	1·6	230	2·0	245	2·6	250	2·6	250	2·0	215	1·6	2·2	30
275	3·6	270	3·9	270	3·9	270	3·9	260	3·3	250	3·3	240	3·0	255	2·3	230	2·0	240	2·3	260	3·0	250	3·6	2·8	31
—	3·9	—	**4·0**	—	3·7	—	3·9	—	3·7	—	3·0	—	2·5	—	2·1	—	2·0	—	1·9	—	1·7	—	1·7	2·6	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Note: For speeds not exceeding 1·5 m/s the direction is regarded as indeterminate.

Directions expressed in degrees from North (E=90°, S=180°, W=270°, N=360°): Speed in metres per second.

465. Richmond (Kew Observatory): H_a (height of cups of anemograph above M.S.L.)=Height of ground above.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	240	3·9	240	3·6	245	3·3	230	3·3	235	2·6	230	3·6	240	3·3	250	3·6	250	3·3	245	4·9	250	4·6	250	4·3
2	270	2·0	255	3·0	260	2·0	270	2·0	280	2·3	275	2·3	275	3·3	285	3·6	295	4·9	295	4·9	290	4·3	285	4·3
3	240	2·6	235	2·6	230	2·3	230	3·3	250	3·9	250	4·9	260	5·2	255	4·9	265	5·2	280	5·6	295	6·6	320	5·6
4	—	1·3	265	1·6	260	2·0	—	1·3	250	2·0	250	3·0	250	2·3	265	3·9	260	3·9	275	4·9	300	5·6	310	5·2
5	260	1·6	265	2·6	260	2·3	240	2·3	235	2·6	230	2·6	240	2·0	270	2·6	280	3·9	270	4·6	260	4·9	270	4·9
6	320	2·0	—	1·3	305	2·3	305	2·6	290	2·0	—	1·0	265	2·0	265	1·6	315	3·0	330	3·0	340	4·9	340	4·3
7	—	1·3	230	1·6	—	1·0	—	1·0	—	1·3	—	1·3	265	3·0	270	2·6	290	3·0	290	1·6	285	3·9	290	3·3
8	245	2·6	250	2·0	240	2·3	240	2·0	250	2·0	240	2·0	255	2·0	245	2·3	260	3·3	280	4·3	270	3·9	270	3·6
9	—	1·0	—	1·3	—	1·3	220	2·3	230	2·0	220	2·6	220	2·3	220	2·6	225	2·6	235	3·3	220	4·3	225	3·9
10	195	3·3	195	4·6	210	5·9	245	4·9	245	5·6	250	5·2	235	4·6	250	4·9	250	4·9	280	4·6	290	4·9	295	6·2
11	280	1·6	290	2·3	300	2·0	305	2·3	330	3·3	350	3·0	360	3·3	360	4·3	10	5·2	10	5·6	10	6·2	15	5·9
12	—	0·7	—	1·0	—	0·7	—	0·3	—	0·7	—	1·0	—	1·3	335	1·6	360	2·6	5	4·3	10	4·9	10	4·3
13	—	0·7	—	0·7	—	1·0	—	0·7	—	0·7	—	1·0	—	1·0	—	1·0	—	1·0	270	1·6	5	1·6	30	2·0
14	—	0·0	—	0·3	—	0·3	—	0·0	—	0·0	—	0·0	—	0·0	—	0·3	—	0·7	195	2·0	210	2·0	195	2·0
15	—	1·0	—	0·3	—	0·0	—	1·0	—	1·0	—	0·3	—	1·0	120	2·6	145	5·2	160	6·2	160	7·2	150	7·5
16	160	4·3	155	3·3	155	4·3	160	3·9	160	4·3	165	3·9	160	3·0	170	3·6	180	4·6	190	4·9	185	4·3	190	3·6
17	—	1·3	—	1·3	—	0·7	—	0·3	—	0·7	—	0·3	—	0·7	—	0·3	—	1·0	190	3·3	210	3·3	210	3·3
18	235	2·6	250	3·9	260	3·0	280	3·3	260	2·6	—	1·3	255	2·6	255	3·6	285	3·0	300	2·6	310	3·3	300	3·6
19	—	0·0	—	0·0	—	0·3	—	0·7	—	1·0	—	0·7	—	1·0	—	1·0	95	2·3	115	5·6	130	5·9	155	7·9
20	240	6·6	230	5·9	230	5·6	230	5·2	225	4·6	215	3·3	205	4·6	215	5·2	220	3·9	220	5·9	200	5·2	215	4·3
21	230	2·3	230	2·3	225	2·3	220	2·0	230	2·3	225	2·6	225	4·9	225	5·9	230	6·2	225	7·9	230	7·2	235	6·9
22	—	0·3	—	0·3	—	0·3	—	0·7	185	1·6	180	3·6	170	2·6	160	2·3	160	3·3	165	6·6	175	6·6	180	7·9
23	210	7·5	225	7·2	245	5·2	250	3·0	245	3·0	245	3·0	220	4·3	225	3·9	245	2·6	260	4·6	270	3·9	290	4·6
24	235	2·0	230	1·6	245	1·6	235	1·6	260	2·3	265	3·0	270	2·3	275	2·3	315	4·3	320	3·6	320	4·3	320	3·9
25	—	1·0	—	1·3	—	1·3	—	1·0	—	1·0	—	1·0	235	1·6	215	1·6	245	2·0	220	4·3	230	4·3	235	3·9
26	200	2·3	225	1·6	290	3·3	315	3·6	315	4·6	315	4·3	295	3·9	295	5·2	285	5·2	295	7·2	305	8·9	295	7·5
27	280	3·3	275	2·3	280	2·0	270	2·3	290	3·0	290	2·6	—	1·3	280	2·6	315	4·3	330	4·9	330	4·3	320	3·9
28	—	1·3	—	1·3	—	1·0	—	1·0	—	1·0	—	1·3	—	1·0	—	0·7	—	1·0	210	2·0	230	2·6	220	1·6
29	—	0·7	200	1·6	195	1·6	—	1·0	220	1·6	220	2·3	205	2·0	205	2·3	215	1·6	220	2·6	230	2·3	225	2·6
30	—	1·0	—	1·0	—	1·0	—	0·7	—	0·7	—	0·3	—	0·3	—	1·0	—	0·7	—	1·0	320	1·6	—	1·0
Mean ...	—	2·1	—	2·1	—	2·1	—	**2·0**	—	2·2	—	2·2	—	2·4	—	2·8	—	3·3	—	4·3	—	**4·6**	—	4·5

466. Richmond (Kew Observatory): H_a=5 metres+20 metres.

Day.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	0·7	—	0·7	—	0·3	—	1·0	—	1·0	—	0·7	—	0·7	—	0·3	—	1·3	5	2·3	360	2·6	10	2·6
2	25	2·3	30	2·3	5	1·6	15	2·0	15	1·6	—	1·0	—	1·0	360	1·6	40	2·0	30	2·6	20	2·0	20	2·3
3	—	0·7	315	1·6	—	1·0	—	1·0	—	1·3	—	1·3	—	1·3	—	1·3	260	1·6	250	2·0	230	2·3	240	2·0
4	—	1·3	315	1·6	—	1·0	—	1·3	350	1·6	—	1·0	—	0·7	—	0·7	—	1·3	—	1·0	—	1·3	330	2·0
5	90	2·6	95	2·0	—	1·0	—	1·0	—	0·7	—	0·0	—	0·7	—	0·3	—	0·0	—	1·0	—	0·3	—	0·3
6	—	0·0	—	0·7	—	0·0	—	0·3	—	0·0	—	0·3	—	0·3	—	0·7	—	0·3	—	0·7	—	0·7	—	1·0
7	—	0·7	—	0·7	—	0·3	—	0·3	—	0·3	—	1·0	—	0·7	—	0·0	—	0·7	230	1·6	—	1·0	30	3·9
8	35	4·3	35	3·6	30	3·9	35	3·9	25	3·3	5	2·6	20	3·3	25	3·9	20	3·3	25	6·2	25	4·3	30	4·6
9	25	2·6	20	1·6	—	1·0	—	1·3	20	2·0	10	1·6	20	2·3	25	1·6	50	3·0	55	5·6	50	4·6	40	5·6
10	—	1·0	—	1·0	—	0·7	—	0·7	—	0·3	—	1·0	—	0·7	—	0·7	—	0·3	—	0·7	—	0·7	—	1·0
11	—	0·7	—	0·7	—	0·7	—	0·7	—	1·0	—	0·3	—	1·0	—	0·3	—	1·0	—	1·0	—	0·3	15	1·6
12	—	1·0	—	0·7	—	1·0	—	0·7	—	0·7	—	1·3	—	1·3	—	1·0	—	1·3	—	1·0	330	1·6	350	2·6
13	—	1·3	—	1·3	240	2·0	240	1·6	230	1·6	240	2·3	245	2·3	260	3·0	270	3·0	260	3·9	270	3·6	275	3·9
14	300	2·0	310	2·6	305	3·0	315	2·6	320	2·3	300	2·0	280	2·6	275	2·3	320	3·6	330	6·2	325	6·2	330	4·9
15	—	1·0	—	1·0	—	1·3	235	2·0	240	1·6	—	1·0	235	2·0	—	1·3	270	2·0	280	2·6	270	3·3	280	3·3
16	—	1·0	215	2·0	230	1·6	245	2·6	15	2·6	—	1·3	55	3·3	60	4·3	65	3·6	80	3·3	95	3·6	100	3·3
17	—	1·3	—	1·3	—	0·7	—	0·3	—	0·3	—	1·3	—	1·0	225	2·0	230	2·3	245	5·2	265	5·9	275	6·6
18	260	5·6	260	5·6	255	4·6	255	4·9	255	4·6	255	3·9	255	3·6	255	3·0	280	1·6	300	3·3	290	2·3	280	3·9
19	30	1·6	—	0·7	—	0·7	—	0·3	—	1·0	20	1·6	—	0·7	—	0·3	—	0·3	—	0·7	—	0·3	—	0·7
20	125	4·6	125	3·9	125	4·3	110	4·9	100	3·9	100	2·6	100	3·0	—	1·3	—	1·0	240	4·9	235	4·9	235	5·2
21	230	6·6	230	6·2	235	7·5	230	7·2	230	6·9	230	6·6	225	6·2	220	5·9	220	5·6	220	6·2	230	7·9	230	7·2
22	215	5·2	205	4·9	205	5·9	215	5·9	210	5·9	200	6·9	220	7·5	220	6·2	215	6·6	230	8·2	220	7·2	220	8·9
23	210	9·8	215	9·2	215	8·5	225	7·2	220	6·2	220	6·9	215	5·6	220	5·6	230	5·6	225	7·5	230	6·6	230	6·6
24	205	2·0	220	1·6	—	1·3	235	1·6	240	2·0	225	2·3	230	3·0	230	3·3	245	3·3	255	4·9	255	5·2	250	4·3
25	—	0·3	—	0·7	—	0·7	—	0·3	—	0·0	—	0·3	—	0·7	—	0·7	—	1·3	—	1·3	270	1·6	270	2·3
26	205	1·6	200	1·6	200	2·3	200	3·0	195	3·0	210	4·9	210	4·6	210	5·6	200	6·6	195	6·2	205	8·9	200	7·9
27	215	3·9	210	3·6	215	3·9	220	4·6	235	4·6	230	7·5	240	6·2	230	5·9	230	6·2	240	9·5	240	7·5	240	7·5
28	245	2·3	250	2·3	250	2·3	240	2·0	250	2·0	240	2·0	245	1·6	240	1·6	240	2·3	240	3·6	250	3·9	260	3·9
29	220	5·6	220	6·2	220	5·6	220	6·2	220	4·9	225	5·6	220	5·2	220	5·9	220	5·6	220	6·6	215	7·5	220	8·2
30	130	2·6	130	2·3	125	2·6	120	2·6	135	3·6	140	2·3	150	3·9	150	4·9	160	5·9	165	5·6	155	4·9	170	5·2
31	140	1·6	—	1·3	160	1·6	—	1·0	—	0·7	—	0·3	—	1·3	—	1·0	—	0·3	—	0·3	—	0·0	—	0·3
Mean ...	—	2·5	—	2·4	—	2·3	—	2·4	—	**2·3**	—	2·4	—	2·5	—	2·5	—	2·7	—	3·7	—	3·6	—	4·0
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L.+h_a (height of anemograph above ground) =5 metres+20 metres.

September, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
230	4·3	245	4·6	250	4·3	290	4·3	315	3·3	305	2·3	295	2·6	275	1·6	280	1·6	—	1·3	275	1·6	270	2·3	3·3	1
285	4·9	270	4·3	270	4·9	275	4·6	275	4·9	285	2·3	255	2·0	230	1·6	240	2·6	235	2·6	245	2·6	240	2·3	3·3	2
310	4·9	320	5·9	320	4·9	325	3·9	325	4·6	315	3·3	310	2·3	315	3·0	290	1·6	—	1·3	270	1·6	260	2·0	3·8	3
320	4·3	305	4·3	300	5·6	345	3·3	335	2·3	350	2·3	—	1·3	—	1·0	—	1·3	295	2·0	—	1·3	—	1·3	2·8	4
270	3·9	265	3·3	235	2·6	195	2·6	210	3·6	230	2·3	235	1·6	270	2·0	340	3·3	340	2·3	335	3·9	330	2·6	2·9	5
340	3·3	340	4·6	340	4·3	345	3·9	335	3·0	310	1·6	290	1·6	—	1·3	280	1·6	275	2·0	—	1·3	—	1·3	2·5	6
290	3·6	280	4·3	260	4·3	270	3·0	270	3·3	275	3·0	270	2·6	270	2·0	265	3·0	260	2·6	260	3·0	250	2·6	2·6	7
265	3·3	260	2·3	285	2·0	275	2·6	265	2·0	270	2·6	245	2·6	250	2·0	250	2·0	255	1·6	—	1·3	—	1·3	2·4	8
235	3·9	240	4·6	235	5·2	210	4·6	200	4·6	195	4·6	210	4·3	250	3·9	225	2·0	210	2·0	205	2·6	205	3·0	3·1	9
300	6·6	305	6·6	310	5·2	320	5·2	305	4·3	280	2·6	290	2·3	290	3·6	290	3·0	305	2·6	275	2·3	270	2·0	4·4	10
10	5·2	15	2·6	355	3·3	10	3·6	350	3·3	—	1·0	340	2·3	340	2·0	335	1·6	340	1·6	310	2·0	—	1·3	3·1	11
10	4·3	5	4·3	10	4·3	15	5·6	10	4·3	350	3·3	360	1·6	5	2·0	360	2·0	—	1·3	—	1·3	355	1·6	2·5	12
—	0·3	—	1·0	—	1·0	—	0·7	—	1·3	—	0·7	—	0·0	—	0·0	—	0·7	—	0·3	—	0·0	—	0·3	**0·8**	13
215	2·3	195	3·0	185	3·0	200	3·3	205	3·3	190	3·0	—	1·0	—	0·3	—	1·0	—	1·0	—	0·7	—	0·3	1·2	14
160	7·2	155	6·9	160	6·9	155	7·5	150	4·6	135	3·0	120	3·6	130	3·0	135	2·6	155	4·3	160	5·2	165	5·6	3·8	15
185	3·0	190	3·0	250	2·6	260	1·6	—	1·0	245	1·6	250	1·6	245	1·6	235	2·3	—	1·3	—	1·0	—	1·3	3·0	16
190	3·3	195	3·9	185	4·6	180	3·9	185	3·9	190	3·9	175	2·6	150	3·0	175	2·3	190	1·6	210	2·6	225	2·3	2·2	17
290	3·6	295	3·0	290	2·0	295	2·0	285	1·6	—	0·0	—	0·0	—	0·7	—	0·3	—	1·0	—	0·7	—	0·0	2·1	18
170	6·2	170	8·2	180	9·8	200	10·8	215	10·5	250	6·2	250	6·2	235	5·9	230	5·9	210	5·6	210	6·2	235	7·5	**4·7**	19
195	3·3	220	7·2	215	3·9	210	3·6	220	3·3	210	3·0	200	2·3	230	3·3	230	1·6	225	2·3	—	1·3	210	1·6	4·2	20
230	5·2	245	6·2	230	7·5	250	4·3	230	4·3	235	3·0	230	3·3	230	2·6	230	1·6	—	1·3	—	1·0	—	0·7	3·9	21
190	6·2	195	5·9	190	7·2	195	7·2	225	7·9	225	7·2	215	4·9	210	4·3	205	5·2	210	4·6	210	5·6	210	8·2	4·5	22
285	3·9	280	3·3	285	3·3	275	2·3	260	3·0	—	1·3	—	1·3	—	1·3	255	2·3	255	2·0	—	1·3	250	2·0	3·5	23
290	3·6	250	3·0	275	3·3	325	3·9	270	2·0	240	1·6	260	2·0	—	1·3	—	0·7	—	0·7	—	1·3	—	1·0	2·4	24
235	4·9	235	4·3	220	4·6	220	3·6	210	2·6	190	2·3	195	2·6	195	2·6	190	3·0	195	3·0	205	3·0	205	2·6	2·6	25
295	6·9	295	5·2	285	4·3	295	5·2	285	3·3	285	4·9	280	3·6	270	4·6	270	4·3	270	4·3	270	3·9	280	4·3	4·6	26
310	4·6	310	4·3	310	3·6	315	2·6	320	2·0	—	1·3	—	1·0	—	1·3	—	1·3	—	1·0	—	0·7	—	1·0	2·6	27
220	1·6	250	3·0	240	1·6	240	2·0	240	1·6	—	1·3	225	2·6	215	2·0	220	1·6	220	1·6	215	1·6	—	1·3	1·6	28
230	3·0	225	2·6	220	2·6	215	1·6	—	0·7	—	1·0	200	1·6	—	1·3	—	1·3	—	1·0	—	1·3	—	1·3	1·7	29
—	1·3	335	1·6	—	1·3	—	1·3	—	0·7	—	0·7	—	0·3	—	0·7	—	0·7	—	1·0	—	0·3	—	0·7	0·9	30
—	4·1	—	4·2	—	4·1	—	3·8	—	3·4	—	2·6	—	2·3	—	2·2	—	2·1	—	**2·0**	—	2·1	—	2·2	2·9	Mean

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13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
20	3·3	15	2·0	35	2·6	15	3·9	15	3·3	30	2·0	10	2·6	20	2·6	15	2·6	15	2·6	30	2·3	40	3·0	1·9	1
15	2·0	15	2·3	20	1·6	30	1·6	—	1·3	—	1·3	—	1·3	—	0·7	—	1·3	—	1·0	—	0·7	—	1·0	1·6	2
275	3·0	290	2·3	270	2·3	300	1·6	—	1·0	—	0·7	—	1·3	—	0·7	—	1·3	—	1·3	—	1·3	—	0·7	1·4	3
350	2·3	355	2·6	355	2·0	15	2·6	25	3·6	80	3·3	80	3·0	80	2·6	85	3·3	85	2·6	90	3·3	90	2·3	2·0	4
—	1·0	—	1·3	120	1·6	—	1·3	—	1·3	—	1·3	—	0·7	—	0·7	—	0·3	—	0·3	—	0·3	—	0·0	0·9	5
10	1·6	—	1·0	—	0·7	—	0·7	—	0·3	—	0·3	—	0·3	—	0·0	—	0·3	—	0·3	—	0·0	—	0·3	**0·4**	6
20	4·6	20	4·6	35	4·9	35	4·9	50	5·6	60	6·6	50	5·2	50	5·2	45	4·6	40	4·9	35	4·6	35	4·3	2·9	7
35	5·6	30	5·6	25	4·3	30	3·6	30	3·6	30	2·6	35	3·0	40	2·3	20	2·3	—	1·3	—	1·3	20	2·3	3·6	8
50	4·6	45	4·9	45	4·6	40	4·3	35	3·0	35	2·0	—	1·3	5	1·6	20	2·0	—	1·3	—	1·3	—	0·7	2·7	9
—	0·3	—	0·7	—	0·3	—	0·0	—	0·0	—	0·3	—	0·0	—	0·3	—	0·0	—	0·3	—	1·0	—	0·7	0·5	10
90	2·0	—	1·0	50	2·0	25	2·6	20	2·3	20	1·6	25	2·0	—	0·3	—	0·7	—	0·7	—	0·7	—	0·7	1·1	11
355	2·6	355	2·3	—	1·3	290	1·6	—	1·3	—	1·3	300	1·6	—	1·0	—	1·3	—	0·3	—	0·7	—	0·3	1·3	12
280	4·6	285	4·9	280	4·3	300	5·6	360	3·0	340	3·6	340	2·0	345	3·9	350	3·0	330	2·6	300	1·6	285	2·3	2·9	13
325	4·9	320	4·6	310	3·9	290	2·3	280	2·0	275	2·6	300	2·6	260	2·3	275	1·6	—	1·3	245	1·6	—	1·0	3·0	14
315	3·9	295	3·3	285	3·3	285	2·3	255	1·6	255	1·6	—	1·3	230	2·0	240	2·6	—	1·3	—	1·0	—	1·3	2·0	15
115	3·0	105	3·3	105	2·6	110	2·3	105	1·6	100	1·6	110	2·0	105	1·6	115	2·0	105	1·6	—	1·0	—	1·3	2·3	16
275	7·9	275	7·5	275	6·9	275	6·9	275	6·2	270	6·2	265	5·6	265	5·9	260	5·9	255	5·9	260	6·6	265	6·6	4·3	17
280	4·3	285	3·0	290	3·0	290	2·0	285	1·6	—	1·3	—	0·3	—	1·0	—	0·7	—	1·3	—	1·3	35	1·6	2·9	18
120	2·3	130	2·6	130	2·6	145	3·0	125	2·6	115	1·6	125	3·0	120	2·3	115	3·0	115	3·3	110	4·3	120	4·6	1·8	19
230	4·9	230	5·2	240	6·2	240	5·9	240	6·2	235	7·9	235	7·2	235	6·6	240	7·2	235	7·2	230	6·9	235	7·2	5·1	20
220	5·6	210	6·2	210	5·9	220	7·2	215	5·6	215	4·6	230	3·6	210	4·6	215	4·3	220	5·6	220	5·9	215	5·6	6·1	21
205	7·2	195	6·9	205	7·9	180	8·9	180	10·2	185	10·8	195	10·8	215	9·8	210	8·5	210	9·2	205	8·9	210	8·9	**7·7**	22
225	6·2	230	6·2	240	5·2	230	6·6	230	5·2	215	3·9	220	4·6	215	5·2	215	3·3	215	2·6	190	2·3	—	1·3	5·9	23
250	5·6	240	5·9	230	4·6	300	3·9	—	0·7	—	0·3	245	1·6	—	1·0	—	1·3	210	2·0	—	1·0	—	0·3	2·6	24
280	3·3	280	3·0	285	2·6	265	1·6	—	1·3	215	1·6	220	1·6	—	1·3	230	1·6	230	1·6	220	2·0	225	2·3	1·4	25
200	9·5	200	9·2	210	8·9	220	8·5	225	7·2	230	6·6	235	4·6	230	4·9	230	5·2	235	4·3	220	3·9	220	5·2	5·5	26
235	7·9	240	8·9	240	7·5	245	5·9	235	6·2	240	5·6	240	4·9	250	3·6	255	2·6	245	2·3	240	2·0	245	2·0	5·5	27
245	5·6	245	3·9	235	4·9	230	4·6	225	4·3	220	3·6	215	3·3	210	3·3	215	3·6	210	4·6	220	4·9	220	5·6	3·3	28
210	6·2	210	6·2	200	5·2	200	4·3	190	3·3	195	4·3	185	5·9	180	4·3	175	4·3	170	4·9	165	3·6	150	3·3	5·4	29
175	5·6	165	5·6	165	5·2	160	3·0	115	1·6	—	1·3	140	2·0	140	2·6	155	2·0	140	2·0	135	2·6	125	2·0	3·4	30
—	0·7	—	0·3	—	0·3	—	0·7	—	0·3	—	0·7	—	0·3	—	0·3	—	0·3	—	0·7	145	1·6	—	0·7	0·7	31
—	**4·3**	—	4·1	—	3·9	—	3·7	—	3·1	—	3·0	—	2·9	—	2·7	—	2·7	—	2·6	—	2·6	—	2·6	3·0	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North ($E = 90°$, $S = 180°$, $W = 270°$, $N = 360°$): Speed in metres per second.

467. Richmond (Kew Observatory): H_a (height of cups of anemograph above M.S.L.) = Height of ground above.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	0·3	—	0·7	—	0·7	—	1·0	—	0·7	205	2·0	225	•1·6	190	1·6	185	3·6	195	5·9	190	6·6	185	6·6
2	210	4·6	210	3·6	205	3·0	215	4·3	245	4·3	230	2·6	220	2·0	210	2·3	210	3·3	220	6·9	220	6·6	220	6·9
3	175	3·9	170	5·6	155	5·9	130	6·6	165	4·6	190	4·3	215	5·9	220	6·9	220	7·2	230	10·5	235	8·9	240	7·9
4	255	3·9	250	3·6	240	3·3	240	3·0	240	3·3	250	2·6	230	2·0	—	1·3	240	2·6	250	3 9	245	4 3	245	4·3
5	245	3·6	250	3·0	235	3·6	235	3·3	240	2·0	—	1·0	—	1·3	—	1·3	—	0·7	225	2·3	235	2·6	260	2·0
6	305	2·3	300	2·0	295	2·6	255	1·6	245	1·6	260	2·0	255	2·3	—	1·3	285	2·3	290	3·3	295	3·0	305	3·3
7	170	5·6	150	4·9	135	5·2	135	6·2	155	6·2	135	6·6	125	5·2	360	2·0	265	2·6	275	2·6	270	4·3	265	3·9
8	350	2·6	350	3·0	345	3·0	345	3·0	345	3·9	10	4·9	15	5·6	15	5·2	20	5·2	20	8·5	25	7·2	25	8·2
9	355	6·6	355	5·2	350	4·9	345	5·2	345	4·9	345	5·2	340	4·6	340	3·9	330	3·9	330	5·2	330	4·6	330	4·3
10	—	1·3	—	0·7	—	1·0	—	1·0	—	1·0	—	0·7	—	0·7	—	0·3	—	0·3	10	1·6	15	3·0	15	3·6
11	355	3·9	5	4·3	5	4·6	10	5·2	20	6·2	20	7·5	35	5·9	40	7·9	35	7·2	50	8·5	60	8·2	70	10·2
12	40	2·3	—	1·3	—	1·3	30	2·3	25	2·6	20	3·0	25	2·3	30	2·0	70	2·6	60	3·9	60	6·2	60	6·6
13	25	3·6	45	2·3	35	3·0	25	2·6	—	1·3	—	1·3	25	2·6	45	2·3	35	3·0	35	3·6	45	4·3	35	4·3
14	—	1·3	—	1·0	—	0·3	—	0·7	—	0·3	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·3
15	—	1·0	—	1·3	—	0·7	—	0·3	—	1·3	—	1·3	—	0·7	—	1·3	100	1·6	170	3·3	170	4·6	175	4·3
16	75	2·6	70	3·0	70	3·9	80	4·6	70	2·3	60	2·6	70	2·3	75	3·0	70	2·3	55	2·3	50	4·6	60	5·2
17	50	4·6	45	4·6	45	4·6	45	3·6	40	5·2	45	6·2	45	6·2	45	6·6	45	6·6	70	8·2	70	10·5	56	10·5
18	40	5·2	35	5·2	35	4·9	35	3·6	25	4·3	25	4·3	25	4·3	25	4·3	30	4·6	45	7·5	50	6·2	60	6·6
19	40	6·6	40	6·2	40	4·9	40	6·6	35	5·6	35	6·6	30	6·2	40	5·9	40	6·2	40	5·2	40	4·3	35	4·3
20	15	3·6	5	2·6	5	2·0	5	2·3	10	3·6	10	3·3	15	3·0	20	3·0	35	4·9	25	4·3	30	3·3	15	2·6
21	15	2·6	15	3·0	15	1·6	15	2·3	—	1·3	—	1·0	—	1·3	40	2·0	65	3·0	80	7·5	100	4·9	95	5·2
22	—	0·3	—	0·3	—	0·7	—	0·3	—	0·7	—	1·3	—	0·3	—	1·0	—	0·7	—	0·7	—	0·7	—	1·0
23	—	0·7	—	0·7	—	0·7	10	1·6	—	1·0	—	1·0	—	0·3	—	1·0	—	1·0	—	1·0	15	2·6	15	4·6
24	5	3·6	5	3·3	360	2·6	355	2·0	355	3·0	355	2·3	—	0·7	—	1·3	—	1·0	—	1·3	—	1·3	325	2·3
25	255	3·0	265	3·0	265	3·9	260	4·3	275	4·3	270	4·9	300	7·2	350	5·6	350	6·6	350	8·5	350	8·9	350	9·8
26	330	3·9	330	3·3	330	3·3	315	2·0	315	1·9	310	1·5	255	1·9	260	1·7	240	2·0	—	1·0	240	2·0	—	1·3
27	210	2·1*	210	2·0*	210	1·9*	210	2·0*	210	2·5*	210	2·4*	210	4·2*	225	2·6	230	3·9	250	4·9	285	3·3	325	3·3
28	300	2·3	300	2·6	295	3·0	290	3·6	290	3·6	300	2·0	295	1·6	295	2·0	300	2·6	320	5·2	340	5·9	335	6·2
29	315	7·5	325	6·6	330	5·9	330	4·9	330	4·6	335	5·2	340	4·6	335	4·6	340	4·3	340	4·6	340	3·0	335	1·6
30	230	4·3	240	3·0	240	3·6	250	3·6	255	4·6	265	3·6	265	3·0	260	1·6	250	2·0	250	3·6	260	3·3	260	3·6
Mean ...	—	3·3	—	3·1	—	3·0	—	3·1	—	3·1	—	3·1	—	3·0	—	**2·9**	—	3·3	—	4·5	—	4·6	—	4·8

* Cups frozen up, values taken from Dines Tube Anemograph.

468. Richmond (Kew Observatory): H_a = 5 metres + 20 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	320	4·6	325	5·6	350	5·2	350	3·9	350	4·6	360	5·9	10	6·6	5	5·6	360	4·3	10	6·2	15	5·9	15	5·9
2	—	1·3	275	2·3	—	1·0	—	1·3	—	1·3	—	1·3	305	1·6	—	1·0	—	1·3	300	2·0	310	2·0	300	2·0
3	310	2·0	310	3·0	335	2·6	350	2·6	335	2·3	345	1·6	—	1·2	—	1·5	—	0·8	340	1·9	—	1·3	5	1·6
4	—	0·2	—	0·2	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0
5	—	0·7	100	2·3	90	2·0	100	2·6	90	2·0	85	2·6	80	2·3	70	2·0	85	2·6	110	3·6	130	4·3	125	4·3
6	—	1·1	—	1·1	—	0·8	—	0·2	—	0·8	—	0·6	—	1·5	—	1·5	—	0·0	—	1·4	—	1·3	180	3·6
7	—	0·7	125	1·6	160	1·6	130	1·6	110	2·0	80	1·6	125	2·3	130	1·6	95	3·0	160	4·9	170	2·6	175	4·6
8	170	5·2	175	5·9	175	6·2	175	6·6	175	5·6	185	5·9	180	5·9	180	5·6	185	5·6	185	7·9	190	6·2	185	5·6
9	220	3·6	230	2·0	220	4·6	215	4·6	215	3·9	220	3·9	152	4·6	220	4·3	215	3·0	215	4·9	220	4·6	230	5·6
10	230	4·3	225	5·2	225	5·9	225	5·2	230	5·2	235	5·9	235	5·9	240	4·3	240	5·2	255	5·9	260	5·9	265	6·6
11	250	3·6	255	3·3	255	2·3	255	3·9	260	3·9	255	3·6	250	2·6	255	3·3	260	3·0	275	3·6	295	5·2	280	5·9
12	260	3·0	260	2·0	250	2·3	285	2·6	300	2·3	305	2·0	—	1·3	—	1·3	240	1·6	220	2·0	255	2·3	280	2·6
13	260	1·6	—	1·0	—	0·7	—	0·7	—	1·0	—	1·0	220	1·6	—	1·3	—	1·0	220	2·0	—	1·3	255	1·6
14	—	0·3	—	0·7	10	2·3	—	1·3	10	2·3	350	2·3	—	1·3	—	1·3	325	1·6	340	3·0	335	3·6	335	3·0
15	345	3·3	350	2·6	345	3·0	350	3·6	340	3·9	340	2·6	330	2·6	330	2·0	335	1·6	340	2·6	310	2·6	295	1·6
16	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·3	—	0·7	—	0·7	—	1·0
17	255	3·6	245	2·3	245	2·3	245	2·3	245	2·6	240	3·3	240	3·0	245	2·6	240	3·3	250	3·9	250	4·3	255	4·9
18	225	1·6	245	2·6	245	2·6	250	3·0	240	2·3	235	3·3	230	2·3	230	3·0	245	3·3	240	4·6	245	3·9	255	3·6
19	225	6·2	225	3·6	220	4·3	210	3·3	210	3·0	200	1·6	—	0·7	—	0·7	—	1·3	125	2·0	—	1·3	155	2·0
20	85	6·6	85	6·6	90	5·2	80	4·6	80	4·3	85	5·2	85	5·6	85	5·6	85	5·2	70	4·3	65	3·6	60	3·0
21	—	0·7	—	1·3	—	1·0	—	0·7	—	1·0	—	1·3	20	1·6	—	1·3	40	2·3	20	3·0	20	3·3	10	3·9
22	—	1·3	65	2·0	70	3·6	70	5·2	70	6·2	70	6·6	65	4·9	50	4·6	45	4·6	25	4·9	20	4·3	15	3·9
23	345	9·2	335	6·9	315	5·2	310	6·2	285	5·2	295	4·9	300	4·9	290	3·6	255	2·0	260	3·0	240	2·6	250	2·3
24	240	5·2	230	4·9	235	7·5	245	6·9	250	8·9	255	8·9	270	9·2	270	6·6	265	5·6	265	6·2	270	5·2	275	6·9
25	—	0·3	—	0·0	—	1·3	—	1·3	100	3·0	80	4·9	75	5·6	80	5·2	75	3·3	80	3·9	85	3·3	105	3·3
26	—	0·0	225	2·3	235	2·3	230	2·3	230	2·3	220	3·3	220	3·6	220	4·3	230	3·6	250	5·2	260	3·6	260	4·6
27	210	4·9	215	5·9	215	6·2	215	3·9	225	3·6	220	2·6	230	3·6	220	3·6	220	3·0	230	4·6	225	4·6	225	4·3
28	235	4·3	225	5·2	235	5·6	235	4·9	240	5·9	240	5·6	225	4·9	230	5·6	230	5·2	225	5·9	220	6·9	220	6·9
29	240	6·6	235	5·9	225	5·2	215	5·6	210	5·6	205	7·5	210	9·8	215	10·5	215	11·1	220	11·5	220	11·1	220	10·8
30	215	8·2	225	6·9	230	7·2	210	7·2	205	7·5	205	7·2	210	8·9	215	8·9	215	7·9	220	9·8	220	9·8	230	7·9
31	245	10·2	245	9·5	250	9·5	255	8·2	250	6·9	235	7·5	240	5·6	225	3·6	220	3·9	245	6·9	250	6·2	250	6·6
Mean ...	—	3·4	—	3·4	—	3·5	—	3·4	—	3·5	—	3·7	—	3·7	—	3·4	—	**3·2**	—	**4·3**	—	4·0	—	4·2
Annual Mean ...	—	2·6	—	**2·6**	—	2·6	—	2·6	—	2·7	—	2·8	—	3·0	—	3·2	—	3·4	—	4·3	—	4·3	—	4·5

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 5 metres + 20 metres.

November, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
185	6·2	190	6·6	190	6·2	185	6·9	180	6·6	185	6·9	195	7·5	205	7·5	190	6·9	185	5·9	185	4·9	200	4·9	4·4	1
225	7·2	215	5·9	210	6·9	210	4·6	205	3·9	205	4·3	205	3·9	195	3·3	190	2·6	185	3·0	185	3·9	180	3·9	4·3	2
245	8·2	240	7·5	245	6·2	265	4·6	260	4·6	255	3·6	265	4·3	260	5·9	260	5·6	255	4·6	255	4·6	255	3·9	5·9	3
240	4·9	240	4·3	220	5·6	215	3·9	205	2·6	200	3·9	235	4·9	250	2·3	245	3·0	245	3·3	240	3·3	240	4·3	3·5	4
245	2·0	245	1·6	300	2·3	310	2·0	295	2·3	300	2·6	295	3·3	290	3·0	295	3·6	290	2·6	290	2·6	300	2·3	2·4	5
335	2·3	340	2·3	—	1·3	—	1·0	—	1·3	200	1·6	200	1·6	175	1·6	155	1·6	170	2·6	150	2·3	140	4·9	2·1	6
265	5·2	270	2·3	270	3·0	245	3·3	255	2·6	240	2·3	—	1·3	255	2·0	—	1·0	—	1·3	295	2·3	330	2·3	3·6	7
25	10·5	20	9·8	20	9·8	20	9·5	20	8·5	20	8·5	20	8·2	15	7·9	5	7·2	360	6·6	360	6·9	355	6·6	6·6	8
315	3·9	330	3·9	320	3·3	315	3·0	300	1·6	—	0·3	—	1·0	240	1·6	—	1·3	—	1·0	—	1·3	—	1·0	3·5	9
20	3·9	30	2·3	—	1·3	340	2·0	345	2·0	350	2·6	345	2·0	340	2·0	335	1·6	345	2·0	350	3·3	360	3·3	1·8	10
75	11·5	80	9·5	75	6·6	75	5·2	60	4·3	60	4·6	60	3·3	70	4·3	60	4·9	75	4·9	65	3·6	55	3·3	6·1	11
60	6·2	65	6·6	60	5·9	65	4·6	55	3·6	45	3·0	30	3·6	30	4·3	40	3·3	30	3·0	40	2·3	30	3·6	3·6	12
40	3·9	50	4·3	50	3·3	55	3·6	30	2·3	30	2·6	—	1·3	20	2·3	20	1·6	—	1·0	15	2·0	—	1·3	2 7	13
—	0·3	—	1·0	—	0·3	—	0·3	—	0·7	—	1·3	—	1·0	155	1 6	—	1 3	150	2·0	165	1·6	170	1·6	**0·7**	14
180	3·6	165	3·0	140	3·3	135	2·6	135	2·6	120	1·6	125	2·0	140	3·3	120	3·6	120	2·3	110	3·6	100	3·3	2·3	15
45	5·6	50	5·9	40	4·9	40	4·6	40	3·6	35	4·9	35	4·3	35	3·9	40	4·3	45	5·2	45	4·3	40	4·9	3·9	16
65	8·9	70	10·5	60	7·5	50	6·6	45	6·9	45	7·5	40	7·2	40	6·2	40	5·6	40	5·6	40	4·6	40	5·2	**6·7**	17
50	5·6	50	6·6	45	6·6	40	5·6	45	7·2	50	7·9	45	6·6	35	6·2	45	5·9	50	5·9	35	6·6	40	6·2	5·7	18
40	5·2	30	4·3	30	3·3	15	2·6	10	2·3	10	2·3	35	3·0	35	3·3	15	2·6	15	3·3	30	2·3	10	1·6	4·5	19
20	3·6	20	3·3	15	3·3	20	3·3	10	3·0	10	2·6	30	2·3	15	2·3	20	2·3	25	2·6	30	4·3	30	3·6	3·1	20
90	4·6	100	3·6	100	2·0	—	1·3	95	2·3	105	1·6	—	1·3	100	1·6	—	1·3	—	0·3	—	0·3	—	0·3	2·4	21
15	2·3	10	3·0	15	2·6	10	2·6	15	2·6	15	2·3	15	2·3	5	2 0	20	3·3	20	3·3	15	2·6	—	1·3	1·6	22
10	3·0	15	3·3	15	3·3	15	4·6	10	3·6	10	4·3	5	4·3	10	3·9	5	3·3	10	3·3	10	3·0	360	4·3	2·5	23
330	2·0	340	1·6	330	2·0	280	2·0	280	2·0	285	2·6	290	2·3	275	2·0	270	2·0	260	2·3	260	3·0	250	2·3	2·2	24
345	9·8	345	8·2	345	8·5	345	7·9	340	5·6	340	6·6	330	5·2	335	6·6	340	5·9	335	4·9	335	4·6	335	3·6	6·1	25
255	2·0	270	1·6	—	1·3	—	0·7	—	0·7	—	0·7	—	0·7	—	1·4*	—	1·0*	—	1·1*	—	1·1*	—	1·0*	1·7	26
340	4·3	350	4·9	350	5·2	345	3·6	335	3·6	330	3·3	330	3·0	325	4·3	330	4·3	325	3·9	335	3·0	325	2·0	3·3	27
330	5·9	335	5·9	345	5·6	340	4·3	335	4·6	330	4·3	315	3·6	320	5·2	330	4·9	320	5·2	310	6·2	330	6·2	4·1	28
325	2·6	300	2·3	305	2·0	—	1·0	220	2·0	215	2·3*	220	3·1*	215	3·8*	220	4·9*	210	4·6*	220	5·2*	225	5·0*	4·0	29
270	2·6	—	1·3	—	1·3	—	1·3	—	1·3	295	2·3	290	1·6	270	2·6	275	2·6	270	3·6	300	3·3	320	4·3	2·8	30
—	**4·9**	—	4·6	—	4·2	—	3·6	—	3·4	—	3·5	—	3·3	—	3·6	—	3·4	—	3·4	—	3·4	—	3·4	3·6	

December, 1925.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
15	5·6	10	5·6	5	3·3	350	2·0	350	2·0	—	1·3	—	1·3	—	0·7	—	1·3	250	1·6	—	1·0	—	0·7	3·9	1
310	2·0	330	2·3	320	2·6	300	2·6	300	2·0	310	2·3	320	2·0	300	2·3	300	2·0	310	1·6	—	1·3	310	1·6	1·8	2
—	0·7	—	0·7	—	0·7	—	1·0	250	1·6	240	2·6	—	1·3	—	0·4	—	0·4	—	0·0	—	0·0	—	0·0	1·4	3
—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	1·0	105	2·0	95	1·6	95	3·0	100	2·0	100	2·3	—	1·3	**0·5**	4
120	3·6	125	3·0	120	2·3	105	2·3	105	2·3	100	2·3	100	2·3	100	2·0	100	2·3	100	2·1	100	1·6	—	1·2	2·4	5
175	4·6	170	2·6	160	2·3	165	2·3	—	1·0	70	2·3	—	1·0	—	1·3	—	1·0	—	0·7	110	1·6	—	0·7	1·5	6
165	5·2	170	4·6	180	3·6	165	4·9	175	3·0	175	2·6	170	5·6	170	7·9	170	7·5	170	6·9	170	6·9	170	6·2	3·8	7
190	5·9	180	5·9	180	6·2	180	5·6	175	5·2	180	6·2	190	6·6	195	6·6	190	6·6	220	4·9	220	3·9	225	4·3	5·9	8
235	6·3	235	6·5	235	6·1	225	4·9	215	3·9	220	4·6	220	4·9	220	5·2	220	4·9	220	4·6	225	5·2	230	4·6	4·6	9
260	5·9	250	5·2	240	5·2	245	4·9	250	4·3	245	5·2	255	4·6	250	3·0	230	3·0	235	2·6	255	3·6	245	3·0	4·9	10
290	5·9	280	4·9	275	4·9	275	4·6	270	3·6	270	3·0	270	3·3	260	3·9	260	4·3	265	3·6	255	2·6	250	2·0	3·8	11
320	3·0	325	3·0	300	1·6	300	2·3	315	2·6	315	3·0	310	2·3	315	1·6	—	1·0	—	1·0	—	1·3	—	1·0	2·1	12
265	2·0	265	2·3	260	1·6	245	2·0	260	2·0	—	1·3	230	1·6	—	1·3	—	1·3	—	0·7	—	0·7	—	0·7	1·3	13
325	2·6	310	3·0	320	3·3	315	3·3	325	4·3	345	5·9	345	5·2	345	5·2	350	3·3	345	3·9	330	3·0	340	4·3	2·9	14
—	1·3	235	1·6	—	1·3	—	1·0	—	1·0	—	0·7	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	1·7	15
—	1·0	—	1·3	—	1·3	250	1·6	245	2·3	225	2·6	235	2·0	225	1·6	220	2·0	230	2·0	240	2·3	260	3·9	1·0	16
265	4·9	265	4·3	255	3·3	260	3·9	255	3·3	240	3·0	250	4·3	255	4·3	255	4·3	245	3·0	230	3·0	220	3·0	3·5	17
250	3·0	245	3·3	245	3·3	240	2·6	230	2·6	225	2·3	240	1·6	—	1·3	235	2·3	230	1·6	225	2·6	225	2·6	2·7	18
150	2·0	115	2·3	110	2·6	110	3·0	100	3·3	95	4·3	85	4·6	90	5·6	90	5·6	90	6·2	90	6·2	90	6·9	3·4	19
50	3·3	50	2·6	30	3·0	15	3·6	10	3·0	330	2·0	310	2·3	295	2·0	275	2·3	275	2·6	—	1·3	305	1·6	3·8	20
355	3·3	30	3·0	330	3·3	300	3·0	265	2·3	250	3·6	240	3·0	215	2·0	180	1·6	185	1·6	—	0·7	—	0·7	2·1	21
30	3·9	30	3·3	50	3·0	30	2·0	20	2·6	15	2·6	360	4·9	15	5·9	355	7·9	355	8·5	350	9·2	345	8·5	4·6	22
230	1·6	220	1·6	210	2·0	180	2·3	175	2·3	165	3·0	150	2·3	160	3·3	170	4·3	190	4·3	220	4·3	235	6·2	3·9	23
275	5·9	280	5·6	280	4·3	270	3·3	230	2·0	200	2·3	200	2·3	210	3·0	215	2·0	195	1·6	—	0·3	—	0·0	4·9	24
—	1·3	—	1·0	—	0·7	—	1·3	—	1·3	150	1·6	145	2·0	—	1·3	—	1·3	—	1·0	105	2·0	—	0·7	2·1	25
260	3·9	260	3·0	235	2·6	225	3·0	180	2·0	185	3·0	175	3·0	180	4·3	210	6·2	220	5·9	220	4·9	215	5·2	3·4	26
230	4·9	230	5·6	220	5·2	220	5·2	210	4·9	220	6·2	230	4·3	235	5·2	230	5·9	235	5·9	235	5·2	245	6·2	4·8	27
220	7·5	215	6·2	220	7·5	220	9·5	220	10·2	215	8·5	220	8·2	215	7·9	220	7·5	225	6·9	245	6·9	250	6·9	6·7	28
220	10·8	220	9·2	215	10·8	215	10·5	215	12·1	215	12·5	215	12·8	215	12·5	220	12·8	220	11·5	220	10·5	220	9·2	**9·8**	29
240	7·5	210	9·8	220	12·1	225	10·2	235	9·2	235	7·2	225	6·9	225	7·5	220	9·8	220	12·8	240	10·8	245	9·2	8·8	30
260	6·6	260	7·5	260	8·2	260	7·5	250	7·2	250	6·6	245	7·2	250	8·2	255	6·2	260	6·2	275	5·9	285	6·2	7·1	31
—	4·1	—	3·9	—	3·8	—	3·7	—	3·5	—	3·7	—	3·7	—	3·8	—	4·0	—	3·8	—	3·6	—	3·5	3·7	
—	**4·6**	—	4·5	—	4·4	—	4·2	—	3·9	—	3·6	—	3·4	—	3·2	—	3·1	—	2·9	—	2·8	—	2·7	Mean	Day.

469. Richmond (Kew Observatory) : H_a = 5 metres + 20 metres. **1925.**

Day.	Jan. Max. in a Gust.	Jan. Time of Gust.	Feb. Max. in a Gust.	Feb. Time of Gust.	Mar. Max. in a Gust.	Mar. Time of Gust.	April Max. in a Gust.	April Time of Gust.	May Max. in a Gust.	May Time of Gust.	June Max. in a Gust.	June Time of Gust.	July Max. in a Gust.	July Time of Gust.	Aug. Max. in a Gust.	Aug. Time of Gust.	Sept. Max. in a Gust.	Sept. Time of Gust.	Oct. Max. in a Gust.	Oct. Time of Gust.	Nov. Max. in a Gust.	Nov. Time of Gust.	Dec. Max. in a Gust.	Dec. Time of Gust.
	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.
1	**26**	21 40	12	1 45	6	15 55	9	0 45	12	11 55	9	13 35	9	16 5	11	17 15	9	10 45	7	16 10	12	18 30	11	10 10
2	25	13 0	9	14 55	12	21 35	13	15 0	8	14 40	7	15 5	12	15 10	9	10 0	10	15 40	5	1 55	13	13 35	5	13 10
3	17	9 55	12	15 30	16	12 15	11	9 30	12	14 10	9	14 25	9	19 50	9	16 45	11	9 40	5	13 30	18	12 35	5	17 45
4	19	8 25	11	1 50	14	0 20	10	23 15	9	9 15	5	11 30	10	4 30	4	13 30	11	11 30	7	17 20	10	18 30	5	21 50
5	9	13 35	16	12 0	9	21 40	15	13 50	13	13 20	11	14 20	5	9 55	7	18 15	9	13 45	4	1 15	7	0 5	8	12 10
6	6	13 35	13	6 0	10	10 40	11	1 0	12	14 15	7	21 10	10	14 15	8	10 5	8	14 25	3	12 45	7	9 30	7	13 10
7	7	9 25	9	11 30	13	14 50	7	16 55	15	9 55	9	13 20	10	12 40	9	13 45	8	14 5	11	18 20	14	0 3	11	20 15
8	12	10 45	17	19 0	**17**	9 50	5	14 25	12	10 25	9	16 40	5	13 0	8	12 15	7	10 40	9	13 30	17	14 35	11	21 45
9	14	8 5	22	20 10	14	15 50	11	13 10	**17**	13 55	**13**	13 55	8	13 15	8	15 40	9	14 20	10	14 50	13	0 15	11	13 55
10	2	2 25	22	17 30	11	10 0	7	14 45	8	12 20	7	16 5	7	8 10	5	14 0	11	13 32	3	2 35	7	13 10	11	14 0
11	2	22 55	25	21 25	12	15 10	5	18 10	15	16 0	6	14 25	7	15 35	11	17 15	11	10 22	5	14 35	**21**	13 0	12	13 25
12	4	18 0	14	20 5	13	12 40	4	14 30	9	15 45	7	17 30	7	17 40	**12**	14 55	8	13 9	4	12 45	12	12 0	6	12 40
13	13	23 5	**25**	4 50	12	20 50	13	10 45	7	7 10	6	11 10	7	12 10	6	9 45	4	11 43	10	16 5	8	11 30	5	13 20
14	13	7 35	11	16 55	8	12 50	11	15 55	9	18 50	6	19 20	6	18 55	9	18 0	5	13 58	12	10 15	3	22 10	10	19 45
15	13	4 30	6	0 25	6	12 30	20	13 10	9	15 35	7	10 55	6	18 0	8	11 35	11	11 30	8	13 0	7	11 45	7	0 10
16	5	23 5	8	11 50	8	15 15	**27**	10 45	9	13 50	7	11 55	9	12 50	5	12 40	9	14 15	7	8 45	10	23 35	6	17 35
17	7	{12 55 {14 5	} 11	16 30	9	13 40	9	1 25	9	16 40	10	10 25	9	19 5	5	16 35	8	17 55	14	16 25	15	12 35	9	13 15
18	5	4 20	10	13 35	7	13 40	10	13 10	7	9 30	10	9 55	10	13 10	8	15 0	7	1 50	10	0 45	13	17 25	8	10 10
19	7	19 45	8	11 20	3	17 0	12	21 55	10	15 5	7	11 5	10	13 20	5	0 25	**21**	16 35	8	23 50	11	2 10	11	1 15
20	6	17 45	6	4 5	11	20 5	15	13 40	10	15 40	8	10 20	5	3 40	3	11 0	16	13 40	13	23 45	8	8 25	9	0 10
21	6	8 25	8	15 40	11	15 35	13	3 5	7	15 50	10	14 10	8	17 20	9	17 5	16	12 30	13	11 35	10	12 0	9	14 35
22	10	12 50	5	19 40	15	14 15	11	15 25	12	17 50	10	6 25	11	16 50	8	11 20	14	16 50	**18**	19 30	6	22 25	16	23 30
23	11	13 45	11	8 10	7	16 30	12	3 30	9	12 20	8	17 40	6	13 30	8	12 45	14	1 0	15	1 30	9	15 55	16	0 15
24	8	3 0	15	14 25	10	17 45	17	16 5	13	14 25	11	17 0	4	23 55	6	16 25	8	14 55	10	11 5	7	2 0	18	6 30
25	9	17 25	18	12 25	7	15 10	8	14 10	9	10 50	10	2 55	7	23 30	9	13 0	8	13 20	6	12 50	18	7 10	8	6 55
26	14	9 25	17	3 25	14	14 50	13	13 15	9	22 5	6	17 0	12	17 55	9	15 15	15	15 25	**18**	11 25	7	2 50	10	21 15
27	11	0 15	14	14 25	16	12 25	8	11 25	15	12 50	8	13 15	**16**	12 30	10	14 20	8	13 10	15	13 30	11	15 0	10	2 55
28	9	14 15	12	15 40	12	15 15	14	9 45	12	11 50	5	13 40	10	16 40	8	16 15	6	14 35	10	13 10	12	11 30	16	16 40
29	17	20 15	—	—	9	10 55	11	15 40	**17**	23 25	7	16 10	11	17 40	8	13 55	5	14 0	13	13 10	13	0 55	22	21 0
30	16	17 50	—	—	10	16 25	11	14 40	16	15 20	9	14 50	11	15 25	6	14 10	3	14 10	9	12 35	9	5 5	22	22 25
31	21	17 25	—	—	11	15 45	—	—	14	14 0	—	—	5	12 10	7	14 55	—	—	5	22 55	—	—	**25**	0 25

DISTRIBUTION OF WIND SPEED: EXTREME VELOCITIES AS RECORDED BY THE DINES TUBE ANEMOGRAPH.

470. Richmond (Kew Observatory) : H_a = 5 metres + 20 metres. **1925.**

Month.	DISTRIBUTION OF WIND. More than 17·1 m/s. Dates of Occurrence.	More than 17·1 m/s. Duration.	10·8 to 17·1 m/s. No. of Days.	10·8 to 17·1 m/s. Duration.	5·5 to 10·7 m/s. Duration.	1·6 to 5·4 m/s. Duration.	Less than 1·6 m/s. Duration.	No Record. Duration.	EXTREME VELOCITIES. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.	Highest Hourly Wind. Mid. Time. day.	Highest Hourly Wind. Mid. Time. hour.	Highest Gust. Speed.	Highest Gust. Date. d. h. m.
		hr.		hr.	hr.	hr.	hr.	hr.	°	m/s.	day.	hour.	m/s.	d. h. m.
Jan.	—	0	4	19	191	361	173	0	210	15·1	1	21	26	1 21 40
Feb.	—	0	4	16	199	373	84	0	190	13·8	13	5	25	13 4 50
Mar.	—	0	0	0	151	458	135	0	50	9·9	3	16	17	8 9 50
April	—	0	1	6	168	332	214	0	285	13·5	16	11	27	16 10 45
May	—	0	0	0	185	422	137	0	230	10·0	30	15	17	{ 9 13 55 } { 29 23 25 }
June	—	0	0	0	22	473	225	0	100	8·0	9	14	13	9 13 55
July	—	0	0	0	37	427	280	0	230	8·4	27	13	16	27 12 30
Aug.	—	0	0	0	8	417	319	0	215	6·8	12	15	12	12 14 55
Sept.	—	0	0	0	46	451	223	0	215	10·1	19	17	21	19 16 35
Oct.	—	0	0	0	126	375	243	0	195	9·9	22	19	18	22 19 30
Nov.	—	0	1	2	144	465	109	0	75	11·5	11	13	21	11 13 0
Dec.	—	0	2	8	158	434	144	0	220	12·6	29	21	25	31 0 25
Year	—	0	12	51	1,435	4,988	2,286	0	210	15·1	Jan. 1	21	27	April 16 9 50

471. Richmond (Kew Observatory). *Readings, in degrees absolute, at 9h., Greenwich Mean Time.* **1925.**

Day.	Jan.		Feb.		March.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	78·4	81·2	79·1	80·2	78·0	79·7	79·1	79·8	82·6	81·9	86·6	85·2	89·4	87·0	89·2	88·6	90·9	88·4	87·1	86·1	84·0	85·0	75·0	80·7
2	79·7	81·2	77·9	80·2	78·2	79·7	79·1	79·8	81·9	81·9	86·8	85·2	89·9	87·0	89·2	88·4	89·8	88·6	87·5	86·1	84·1	84·8	75·0	80·6
3	80·1	81·2	78·1	80·2	78·1	79·8	79·6	80·0	82·3	82·0	87·2	85·2	90·3	87·1	89·0	88·4	89·6	88·6	87·0	86·2	84·4	84·8	75·0	80·4
4	80·0	81·2	79·3	80·2	78·0	79·8	79·0	80·1	82·8	82·0	88·1	85·2	90·0	87·1	89·1	88·1	88·2	88·5	87·5	86·3	84·2	84·8	74·6	80·2
5	79·0	81·3	79·7	80·2	78·0	79·8	79·0	80·1	83·3	82·0	88·9	85·2	89·2	87·1	89·3	88·2	87·0	88·5	87·7	86·3	83·6	84·8	74·7	80·1
6	78·0	81·2	80·2	80·3	78·5	79·8	80·0	80·1	82·9	82·1	89·2	85·2	89·7	87·1	90·0	88·1	86·8	88·2	86·9	86·4	82·8	84·8	74·6	80·1
7	76·8	81·2	79·1	80·3	79·2	79·9	80·7	80·2	83·2	82·2	90·1	85·5	90·0	87·2	89·9	88·2	86·5	88·1	86·7	86·5	82·5	84·7	74·4	79·9
8	77·1	81·1	78·6	80·4	79·3	80·1	81·2	80·2	83·3	82·2	90·1	85·7	89·2	87·2	89·9	88·3	86·8	88·0	86·4	86·6	82·5	84·7	74·6	79·7
9	77·6	80·8	80·0	80·5	78·0	80·0	81·7	80·4	83·0	82·3	90·2	85·9	89·1	87·3	90·6	88·2	86·7	87·9	84·7	86 5	81·0	84·5	74·8	79·5
10	76·9	80·7	79·8	80·4	77·2	80·1	82·0	80·6	83·4	82·4	90·7	86·1	89·0	87·2	90·7	88·3	86·0	87·7	83·9	86·4	79·4	84·3	75·2	79·4
11	76·0	80·5	80·4	80·5	77·4	80·0	81·9	80·7	83·2	82·4	90·8	86·1	88·8	87·3	89·9	88·3	85·9	87·6	83·2	86·2	78·7	84·2	76·0	79·3
12	76·0	80·4	79·9	80·6	76·8	80·0	82·3	81·0	84·2	82·5	91·2	86·2	90·3	87·3	90·0	88·3	85·4	87·5	83·3	86·1	78·4	84·1	75·6	79·3
13	76·1	80·3	79·3	80·6	76·0	80·0	82·0	81·2	85·1	82·7	91·4	86·5	90·7	87·3	89·8	88·3	85·0	87·3	84·1	86·0	77·7	83·7	75·1	79·3
14	77·2	80·2	79·2	80·7	76·4	79·8	81·7	81·2	86·1	82·9	91·3	86·8	91·0	87·5	89·9	88·3	85·2	87·2	83·5	85·8	77·1	83·3	74·9	79·3
15	79·1	80·1	78·5	80·6	78·1	79·7	82·4	81·3	86·4	83·0	90·7	86·9	91·6	87·5	90·3	88·5	85·1	87·1	82·0	85·7	76·9	83·2	74·7	79·2
16	78·6	80·2	78·0	80·6	78·4	79·6	81·7	81·3	86·8	83·2	91·6	87·1	92:2	87·6	90·0	88·4	85·7	87·0	82·3	85·5	76·9	83·0	74·6	79·2
17	79·4	80·2	77·9	80·5	79·3	79·7	81·8	81·4	87·7	83·4	91·3	87·0	92·3	87·7	90·5	88·5	85·9	86·9	82·5	85·3	76·9	82·6	74·6	79·2
18	79·6	80·2	77·5	80·4	79·0	79·8	82·0	81·4	88·1	83·6	90·1	87·1	91·9	89·7	91·1	88·4	86·6	86·9	83·7	85·2	77·1	82·3	74·8	79·1
19	79·0	80·3	77·5	80·4	78·0	79·9	82·0	81·4	88·4	83·9	89·6	87·2	91·2	88·1	90·9	88·4	86·5	86·8	83·2	85·2	77·8	82·3	75·1	79·1
20	78·8	80·4	77·6	80·3	78·8	79·9	81·6	81·6	88·1	84·1	90·2	87·2	91·2	88·1	90·1	88·5	86·0	87·0	83·0	85·1	77·5	82·1	75·5	79·1
21	78·5	80·4	77·6	80·2	78·4	79·9	81·0	81·6	87·5	84·1	90·4	87·3	91·4	88·1	90·1	88·6	85·6	86·7	84·8	85·1	77·9	82·0	76·0	78·9
22	78·1	80·4	77·1	80·2	77·7	80·1	81·1	81·7	87·0	84·5	89·9	87·3	92·4	88·3	89·9	88·6	85·2	86·7	85·3	85·1	78·2	82·0	75·8	78·9
23	78·0	80·4	76·7	80·1	77·2	80·0	82·0	81·7	87·5	84·5	89·0	87·1	92·5	88·2	89·5	88·5	85·5	86·6	85·4	85·1	78·4	81·8	76·0	78·9
24	77·9	80·4	76·4	80·0	78·0	80·0	81·1	81·7	87·5	84·9	88·4	87·2	92·1	88·4	89·8	88·5	85·1	86·6	84·7	85·2	78·0	81·8	75·4	78·9
25	77·7	80·3	76·2	79·9	78·2	79·8	81·0	81·7	87·0	84·8	87·7	87·2	92·7	88·4	89·5	88·5	84·8	86·5	83·8	85·2	77·7	81·7	75·0	79·0
26	77·7	80·2	77·3	79·9	78·2	79·9	81·4	81·8	87·1	84·8	88·5	87·1	93·2	88·8	88·7	88·5	85·4	86·4	83·4	85·2	76·8	81·6	75·4	78·8
27	77·5	80·2	77·9	79·9	78·1	80·0	81·4	81·7	87·6	84·9	87·6	87·1	91·5	88·8	89·4	88·3	85·0	86·3	83·8	85·2	75·9	81·5	77·1	78·9
28	77·6	80·2	78·0	79·8	77·6	79·9	81·7	81·7	86·9	85·1	87·4	87·1	90·0	88·9	89·6	88·3	84·6	86·2	83·5	85·1	75·5	81·3	77·6	78·8
29	77·6	80·2	—	—	77·3	80·0	81·4	81·8	86·8	85·1	88·1	87·0	89·5	88·9	90·5	88·3	85·5	86·2	83·5	85·1	75·2	81·2	78·6	78·8
30	78·8	80·1	—	—	78·4	79·9	81·9	81·9	86·7	85·1	89·0	87·0	89·6	88·6	90·0	88·4	86·4	86·1	83·6	85·0	75·1	81·0	80·0	78·9
31	79·7	80·1	—	—	79·0	79·8	—	—	86·8	85·2	—	—	89·2	88·6	90·2	88·3	—	—	83·6	84·9	—	—	79·6	79·2
Mean	78·1	80·5	78·4	80·3	78·0	79·9	81·2	81·0	85·5	83·4	89·4	86·5	90·7	87·8	89·9	88·4	86·3	87·3	84·6	85·7	79·1	83·1	75·7	79·4

The initial 2 or 3 of the readings is omitted; *i.e.*, 275·0 degrees absolute is written 75·0.

Year 83·1 83·6

MINIMUM TEMPERATURE "ON THE GRASS" DURING THE INTERVAL 18H. TO 7H. G.M.T.

Readings, in degrees absolute.

472. Richmond (Kew Observatory). **1925.**

Day.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	73·2	72·0	69·3	75·5	75·9	76·6	77·5	82·8	85·8	82·5	78·2	69·8
2	78·9	67·7	73·0	68·2	**70·2**	74·2	80·0	78·8	78·9	84·7	78·2	66·2
3	80·0	74·4	74·6	75·5	73·1	**73·9**	86·1	**76·0**	82·4	82·7	82·3	65·8
4	77·8	79·7	75·8	**65·5**	80·5	77·1	87·0	80·0	75·8	82·3	75·0	69·7
5	71·9	76·5	73·0	71·5	79·2	76·3	81·0	85·9	74·4	78·9	75·5	63·8
6	69·6	81·0	77·3	80·4	72·8	80·8	79·8	80·5	78·7	77·2	74·6	**62·8**
7	**66·3**	70·6	78·1	73·3	79·0	84·2	85·4	81·9	74·6	79·1	74·1	64·9
8	73·6	68·9	73·8	74·2	77·9	82·9	**76·0**	79·3	82·9	77·1	76·4	75·5
9	76·0	80·0	67·6	†	72·0	83·1	77·2	87·2	78·8	71·0	71·1	72·3
10	66·6	74·5	70·2	78·0	73·0	80·9	81·4	85·4	77·7	72·2	67·0	74·7
11	68·6	81·2	71·2	71·2	71·4	78·3	76·8	81·2	79·1	74·0	69·6	75·5
12	72·0	71·9	68·6	71·0	81·6	82·0	82·4	78·0	73·1	73·9	67·7	70·4
13	71·9	74·7	**62·7**	70·4	75·2	86·0	80·0	85·7	73·0	82.2	70·9	64·8
14	77·1	74·4	74·9	71·9	76·5	84·1	79·3	82·9	74·0	70·0	65·4	66·7
15	82·4	72·0	79·2	79·7	78·2	79·8	79·8	83·9	72·0	**67·2**	69·1	69·1
16	71·0	68·3	69·4	75·0	82·6	82·8	82·9	79·4	79·8	77·6	70·8	64·5
17	80·7	68·9	77·1	74·1	81·8	81·3	86·1	79·2	79·0	80·1	73·7	73·8
18	74·0	72·2	70·4	75.6	81·9	77·7	84·6	82·0	80·0	84·0	74·9	73·7
19	71·0	71·0	66·1	76·1	81·4	75·0	79·0	86 8	76·0	71·0	76·4	71·0
20	72·7	74·9	76·4	77·1	80·8	83·5	82·8	86·6	80·7	79·8	72·9	73·4
21	75·1	72·4	66·7	76·4	73:1	81·0	86·5	83·8	76·7	87·4	74·0	75·1
22	73·5	70·8	66·8	68·4	76·2	83·3	90·1	82·0	75·7	84·8	76·0	70·7
23	74·0	66·8	64·6	79·1	84 4	81·9	89·3	80·2	81·8	83·1	76·0	72·1
24	70·1	**65·4**	70·6	71·3	83·0	82·7	85·4	86·9	75·9	74·3	68·2	70·0
25	70·0	72·0	68·6	68·8	81·3	82·0	86·1	83·6	**70·9**	71·9	72·3	70·0
26	76·2	78·0	67·7	71·7	76·0	82·1	85·8	76·9	81·0	74·4	66·4	74·1
27	74·3	75·0	74·6	72·6	83·0	77·7	82·7	†	77·6	82·5	64·1	79·0
28	76·3	76·3	66·7	76·3	80·7	81·9	82·3	83·3	74·1	74·9	**63·7**	76·2
29	71·8	—	66·1	71·0	79·1	74·2	78·7	86·2	85·0	79·5	69·2	81·0
30	79·1	—	77·9	71·5	84·0	76·2	85·2	78·2	85·4	78·1	71·2	82·3
31	82·1	—	78·6	—	79·6	—	79·8	84·1	—	77·4	—	76·8
Mean	74·1	73·3	71·5	73·5	78·2	80·1	82·5	82·3	78·0	77·9	72·2	71·5

Year 76·3

The initial 2 or 3 of the readings is omitted; *i.e.*, 275·0 degrees absolute is written 75·0. † Thermometer out of action.

Note.—The minimum refers to the interval from 18h. the previous day to 7h. on the day to which it is entered.

HEIGHT IN CM. ABOVE M.S.L. OF SURFACE OF UNDERGROUND WATER.

Daily Means and Extremes for Months.

473. Richmond (Kew Observatory). **1925.**

Day.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	cm.	cm.	cm.	cm.	cm.	cm.	cm.	cm.	cm.	cm.	cm.	cm.
1	459	363	388	317	270	245	219	205	205	204	243	242
2	458	356	385	313	267	243	218	205	205	205	243	240
3	455	351	381	308	265	241	217	205	206	207	244	238
4	451	345	377	303	263	239	216	206	207	207	245	237
5	445	341	373	300	260	238	215	207	209	208	(249)	236
6	436	337	369	296	258	237	215	207	210	209	(253)	235
7	429	335	364	293	257	237	214	208	211	209	(256)	234
8	426	336	358	295	257	240	214	209	212	209	260	232
9	422	335	351	298	257	241	214	210	212	209	261	230
10	417	337	350	299	260	241	215	211	210	207	262	228
11	414	340	351	300	264	241	215	212	207	206	261	277
12	411	336	349	302	267	239	214	212	205	203	261	225
13	408	346	350	303	269	238	214	211	203	201	262	225
14	403	363	349	302	270	236	214	209	202	200	263	224
15	396	373	345	300	271	235	213	207	201	199	261	223
16	395	375	343	297	269	233	212	206	200	199	261	223
17	393	374	340	295	266	232	211	205	199	199	260	222
18	387	371	336	292	263	231	209	205	199	199	259	222
19	381	368	332	289	260	230	208	205	199	199	259	222
20	376	364	329	285	258	229	207	205	199	199	258	224
21	371	361	325	283	256	228	205	206	200	200	258	223
22	367	359	321	282	255	227	205	206	201	203	257	225
23	361	359	320	280	255	227	207	206	203	207	254	228
24	356	359	320	278	255	226	208	207	204	211	252	231
25	357	364	321	278	256	225	209	207	206	217	250	236
26	364	375	322	277	255	225	210	209	207	224	249	241
27	369	384	325	276	256	224	211	210	207	230	247	245
28	371	386	326	275	254	223	209	210	207	234	246	249
29	371	—	327	273	252	222	207	211	206	237	245	253
30	369	—	325	272	250	221	206	207	205	240	244	256
31	370	—	321	—	248	—	205	206	—	241	—	262
Mean	400	357	344	292	260	233	211	208	205	210	254	233

Annual Mean 267 cm.

Extremes for the months:—Jan., 461, 355; Feb., 387, 333; Mar., 388, 319; Apr., 319, 272; May, 272, 247; June, 247, 220; July, 220, 205; Aug., 212, 204; Sep., 212, 199; Oct., 242, 198; Nov., 263, 242; Dec., 266, 221.

474. Richmond (Kew Obs.). **January, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St. : Fr-Cu.	St-Cu : Nb.	A-St. : St-Cu.	7	7	10	9	10	10	...	...	●^{0}q	q	q	● q	●^{0} 3h. 20m. ⸙ (gusts) 12h. 30m.—23h. 5m. orq oq *p* : orq. *n* :
2	Nb : Fr-Nb.	Nb.	St. : Fr-St.	10	10	10	10	10	10	● q	●^{0}q	●^{0}q	●^{0}	...	...	orq, *a* & *p* : o*n* : ⸙ (gusts) 6h. 40m.–19h. 40m.
3	St.	St : Fr-St.	Nb.	10	10	10	10	10	10	...	...	...	...	≡^{0} ●	...	o *a* & *p* : ● 17h. 35m.–19h. 53m. ● p 21h. 5m., 23h.–23h. 10m.
4	Ci-St : St. : St-Cu.	Fr-Cu.	A-Cu. : St-Cu : St.	3	1	1	—	7	1	q	q	...	—	...	...	● p 2h. 20m. & 2h. 40m.–3h., bc, [c *p* : b *n* :
5	St-Cu.	Cu.	A-St.	2	1	1	6	2	0	⊐	⊐≡^{0}	...	...	...	...	bw b*a* :, b bc p :, b *n* :
6	St-Cu.	...	...	2	1	0	0	0	0	⊔	⊔≡^{0}	...	≡^{0}	⊐≡	⊔≡	bx ba : bm bf *p* : bfx *n* :
7	A-Cu. : St-Cu.	St-Cu.	St. : St-Cu.	7	7	10	9	10	10	⊔	⊔	...	...	≡^{0}	≡^{0}	bx–o *a* : o *p* & *n* :
8	A-Cu.:A-St.:St.-Cu.	Ci.	A-Cu. : St-Cu.	7	4	3	8	9	7	...	...	...	∞^{0}	∞^{0}	...	o–b *a* : cbc c *p* : o r *n* : ● 23h. 5m.–38m.
9	A-Cu. : Cu-Nb.	Ci.	...	8	9	5	2	0	0	...	...	...	...	≡	⊔≡	● 0h.–0h. 12m., 1h.–1h. 48m., bc [b *p* bfx *n* :
10	St.	...	...	10	10	0	3	0	0	⊔≡	⊔≡	⊔≡	≡	⊔≡	⊔≡^{2}	ofx–bfx *a* : bf *p* : bfx *n* :
11	St.	St.	St.	10	10	10	—	10	10	⊔≡	⊔≡	⊔≡^{2}	—	⊔≡^{2}	≡^{2}	ofx *a* *p* & *n* :
12	St.	St.	St.	10	10	10	10	10	10	≡	≡⁝	≡⁝	≡⁝	≡⁝	≡⊐	of–ofe *a* *p* & *n* :
13	St-Cu. : St.	A-St. : St.	St.	10	7	10	10	10	10	⊐≡	≡	≡^{0}	≡^{0}	●^{0} ≡^{0}	≡^{0}	ofw–om *a* : om–omd^0 *p* : om *n* :
14	A-St. : St. : St-Cu.	Nb.	A-St. : St.	10	10	10	10	10	10	...	...	●^{0}	●^{0} ≡^{0}	...	...	o–or^0 *a* : or^{0}o *p* & *n* :
15	Nb. : Fr-Nb.	Nb.	...	10	10	10	7	0	10	...	●^{0} ≡^{0}	●^{0} ≡^{0}	≡^{0}	≡⁝	≡⁝^{2}	o odm *a* : KQ 9h. 15m., od–cm *p* : [cm–bfe–ofe *n* :
16	St.	St.	St.	10	10	10	10	10	10	≡	≡⁝	≡^{0}	≡^{0}	≡^{0}	≡^{0}	ofe–om *a* *p* & *n* :
17	St.	A-Cu. : St-Cu. : Cu.	Ci.	10	10	8	8	1	10	≡^{0}	≡^{0}	...	...	...	⊐	om od c *a* : c–b *p* : b–ofw *n* : ●^{0}d about 10h.
18	St.	Ci-St. : St.	Ci-St .: St. : St-Cu.	10	10	6	—	6	3	≡⊐	≡⁝	≡^{0}	—	≡^{0}	≡⁝	ofwe–bcm *a* : cm *p* : bfe–of *n* :
19	St.	St.	St.	10	10	10	10	10	10	≡	≡	≡	≡	≡	⊐ ≡^{0}	of *a* & *p* : omw *n* :
20	St.	St.	A-St. : St.	10	10	10	10	10	10	⊐ ≡^{0}	≡	≡^{0}	≡^{0}	≡^{0}	≡^{0}	omw of om *a* : om *p* & *n* :
21	St.	St.	St.	10	10	10	10	10	10	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	...	om o *a* *p* & *n* :
22	St.	Ci-St.	Ci-St. : Ci.	10	10	3	6	7	4	≡^{0}	≡	...	...	≡^{0}	≡^{0}	≡ till 11h. 30m. Fine *p* & *n*
23	St. : St-Cu.	Ci. : Fr-Cu.	St-Cu.	2	3	4	4	1	1	≡^{0}	≡^{0}	...	∞^{0}	≡^{0}	...	b bc *a* : ●^{0}p *p* : b *n* :
24	A-Cu. : St-Cu.	A-Cu. : St-Cu.	St. : St-Cu.	1	1	7	7	9	4	⊔●^{0}	⊔≡^{0}	...	...	≡^{0}	⊐≡	b bxm *a* : c *p* : bcfw *n* :
25	St.	St.	A-St. : St.	10	10	10	—	9	9	⊐≡	≡	≡g	—	≡^{0}	≡^{0}	of *a* : om *p* : ●^{0}p 18h. 55m.–19h. 10m. [o m *n* :
26	St-Cu. : St.	St.	St.	10	10	10	9	10	10	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	o om *a* *p* & *n* :
27	Nb.	St.	St.	10	10	10	10	10	10	●^{0} ≡^{0}	●^{0}≡	●^{0}≡	≡	≡	≡^{0}	●p^0 about 7h. ●d *a* : ● 22h. 30m.–after 24h.
28	Nb.	A-Cu. : St.	A-St. : St.	10	10	4	10	10	8	● ≡^{0}	≡	≡^{0}	● ≡^{0}	≡^{0}	...	● 0h.–5h. 20m., ●^{0} 6 h. 50m.–7h. 15m., ● 15h.–17h. 20m.
29	A-St. : St-Cu.	A-St. : St.	St.	9	10	10	10	10	10	...	...	q	●^{0}	...	...	●^{0} 9h. 50m.–10h. 50m., 11h.–11h. 55m., o *p* *and* *n* :
30	Nb.	St-Cu.	St.Cu.	10	10	9	10	10	10	●^{0} ≡^{0}	...	...	...	...	...	●d 6h. 50m.–7h., ●^{0} 7h.–8h. o *p* & *n* :
31	St-Cu.	Nb : St-Cu.	Nb. : St-Cu.	10	10	10	10	10	3	...	...	●^{0}	...	●^{0}pq	...	o *a* : od or *p* : b *n* :
Mean Cloud Am'nt.	—	—	—	8·3	8·1	7·5	* 8·1	7·4	7·2							

475. Richmond (Kew Obs.). **February, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Ci-St.	Ci-St. : St-Cu.	St-Cu.	3	4	9	—	2	0	...	...	...	—	≡^{0}	≡^{0}	b bc *a* : o c bc *p* : b *n* :
2	Ci-St.	A-Cu.	...	3	8	9	9	0	1	≡^{0}⊔	≡^{0}⊐	...	...	...	...	bmx–o *a* : o cbc *p* : b *n* :
3	St-Cu. : St.	A-Cu. : St.	Ci. : St-Cu.	10	10	9	10	9	9	...	≡^{0}	...	...	...	...	b–o *a* : o p o *p* : o *n* : ●^{0} p 13h. 55m.
4	St-Cu'	Ci-St. : A-Cu.	A-Cu.	10	3	6	5	1	8	≡^{0}	≡^{0}	...	...	...	≡^{0}	o-b–bc *a* : bc b *p* : c *n* :
5	St-Cu.	A-Cu. : St.	A-St. : Fr-Cu.	10	8	8	10	10	10	...	...	...	...	...	...	o c bc c *a* : c o *p* : o *n* : [b*n* :
6	Nb.	Ci-St. : Cu.	Ci-St. : Fr-Cu.	10	10	9	10	2	10	●	●≡^{0}	...	...	...	...	● 3h. 15m. till 10h. 45m., o to b *p* :
7	Fr-Cu.	Cu.	Ci. : St-Cu.	1	0	7	4	2	1	⊔	⊐	...	...	∞	⊔≡^{0}	bx bw to c *a* : bc *p* : bmx *n* : Ⴇ 21h. 20m.
8	Nb.	St. : Nb. : St-Cu.	St-Cu. : Fr-Nb.	10	10	10	—	10	10	●^{0}	...	...	—	●^{0}	●^{0}	● 2h. 10m. to 4h. 50m. o od *a* *p* & *n* :
9	St-Cu. : Fr-Cu.	St-Cu.	Nb. : Fr-Cu.	8	4	10	4	8	1	...	...	...	...	...	q	● p 5h. bc o *a* : bc p c *p* : bq *n* :
10	Ci-St. : St-Cu.	St-Cu. : Fr-St.	Nb. : St-Cu.	3	9	10	9	10	10	...	...	q	●^{0}	q	q	b to or oq *a* : od oq *p* : oq *n* :
11	St-Cu.	St-Cu.	A-St. : Nb. : St-Cu.	10	9	10	10	10	10	q	...	...	q	●^{0} q	●^{0} q	⸙ (gusts) *a* *p* *and* *n* ●^{0} 11h. 43m. oqr *n* :
12	A-St. : A-Cu. : St.	Ci-St. : St-Cu.	Ci : Fr-Cu.	7	8	9	5	3	3	...	...	...	...	...	...	bc cp *a* : oc bc b *p* : bc op *n* :
13	A-St. : Nb.	Nb.	Nb.	10	10	10	10	10	9	●q	●	●	●	≡^{0}●	●p≡^{0}	⸙ (gusts) 3h. 40m. to 6h. 35m. or *a* & *p* : or op *n* :
14	St-Cu. : Nb.	Ci-St. : A-St. : Cu.	Nb. : St-Cu.	9	5	8	9	9	3	●≡^{0}	≡^{0}	≡^{0}	u	...	...	or c bc *a* : c ou p *p* : b to or *n* : ⌒ 15h.
15	A-Cu. : Fr-Cu.	A-St. : Fr-Cu.	A-Cu. : St.	5	10	10	—	9	10	≡^{0}⊔	≡^{0}	...	—	≡⊐	≡⊐	●p 2h. 30m.–40m. bcx to o *a* : ofw *p* : f *n* :
16	A-Cu. : St-Cu.	Cu.	Ci-St. : St-Cu.	7	0	6	8	9	2	≡⊔	≡⊐	...	...	≡^{0}	≡^{0}⊐	≡ till 10h. bc c o *p* : ●p 23h. 20m.–40m.
17	St.	St. : St-Cu.	Ci-St. : St-Cu.	10	7	10	6	8	1	≡^{0}	≡^{0}	≡^{0}	...	...	...	om *a* : bc c *p* : b bcx *n* :
18	Ci-St. : St-Cu.	Cu.	A-Cu. : St-Cu.	4	9	4	6	7	0	⊔	...	...	...	...	...	bcx to o *a* : bc okqr c *p* : b *n* : KQ 17h.
19	A-Cu. : St-Cu.	Cu.	Nb. : St. : St-Cu.	4	5	5	9	9	10	≡^{0}	...	...	●^{0}	≡^{0} ●^{0}	≡^{0}	cp bcm bc *a* : os or^0 o *p* : o *n* :
20	A-Cu. : St. : St-Cu.	Cu-Nb. : Cu.	A-St. : Fr-St.	10	9	6	9	10	8	≡^{0}	≡^{0}	...	...	∞^{0}	≡^{0}	om–bc *a* : bc c o *p* : c–o *n* :
21	St. : St-Cu.	A-Cu. : Cu.	St. : St-Cu.	10	9	5	10	9	9	≡^{0}	≡	∞^{0}	∞^{0}	∞	≡^{0}	om–bc *a* : bc–oz *p* : o *n* :
22	Nb.	A-St. : St. : Fr-St.	Ci-St. : St-Cu.	10	10	10	—	7	4	✱≡^{0}	✸≡^{0}	≡^{0}	—	≡^{0}	≡^{0}⊔	os ors *a* : o cm *p* : bcmx to od *n* :
23	St. : Nb.	Nb.	A-St. : St. : St-Cu.	10	10	10	10	10	8	●^{0} ≡^{0}	●^{0} ≡^{0}	●^{0} ≡^{0}	●^{0} ≡^{0}	≡^{0}	≡^{0}	od orm *a* & *p* : o to bmx *n* :
24	Ci-St. : Ci-Cu.	Nb.	A-St. : Nb.	4	9	10	9	9	2	≡^{0}⊔	≡^{0}	●	...	...	...	bcmx to or *a* : kq 15h. 50m. : b bx *n* :
25	Ci-St. : St-Cu.	Nb.	Nb.	2	1	10	10	10	2	⊔	≡^{0}	●≡^{0}	≡^{0}	●^{0} ≡^{0}	...	bx to orhq *a* : or oqu *p* : b to o *n* :
26	A-St. : Nb. : Fr-Nb.	St-Cu. : St.	Nb.	10	3	10	7	10	3	●	...	...	●p	●	...	● till 5h. b pq o *a* : ●p *p* : b *n* :
27	Ci. : A-Cu. : St-Cu.	A-Cu. : Fr-St.	A-St. : Fr-St.	6	5	9	9	10	8	...	...	●p	...	●p	...	bc to op *a* : op o *p* : c to or *n* :
28	Ci-St. : A-Cu. : St-Cu.	Cu.	St-Cu.	8	8	4	3	1	8	...	...	...	...	∞^{0}	≡^{0}	●^{0} *early* *a* : c bcy *a* : bcy by *p* : c to b *n* :
Mean Cloud Am'nt.	—	—	—	7·3	6·9	8·3	† 8·0	7·3	5·7							

Day. | 7h | 13h | 18h | 7h | 9h | 13h | 15h | 18h | 21h | 7h | 9h | 13h | 15h | 18h | 21h | Remarks.
Cloud Forms. | Cloud Amount (All Forms). | Weather.

Note.—Observations are not taken at 15h. on Sundays, Good Fridays and Christmas Day.
* Mean for 27 days only. † Mean for 24 days only.

476. Richmond (Kew Obs.). **March, 1925.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	...	Ci-St. : A-St. : Cu.	A-St. : Nb. : St-Cu.	0	0	9	—	10	8	≡⌓	≡⌓	≡^{0}	—	●^{0}≡^{0}	≡^{0}	≡cleared about 11h, K14h45m.cm-bn:
2	Ci-St.:A-Cu.:Fr.Cu.	Fr-Cu.	St. : St-Cu.	3	7	5	10	10	8	⌓	≡⌓	∞^{0}	∞^{0}	∞^{0}	...	bw cf a : bcz, oz, p : c, n :
3	St. : St-Cu. : Cu.	St-Cu. : Fr-Cu.	St-Cu.	7	10	7	9	10	10	...	...	...	...	...	...	c, op^{0}c, a : op, o, p & n :
4	St-Cu.	St-Cu.	St.-Cu.	9	9	9	9	10	1	...	...	...	...	...	...	o c o, a & p : o to b n :
5	Ci. : St. : Fr-St.	A-St. : A-Cu.	A-St. : St-Cu.	7	9	10	8	10	10	≡^{0}	≡^{0}	∞^{0}	...	∞^{0}	...	cm^0, opm^0 a : oz, c, p : o n :
6	St.	St-Cu.	Fr-St. : St.	10	10	10	10	10	10	...	...	...	...	...	...	o a & p : od o n :
7	Ci-St.:A-Cu.:St-Cu.	A-St. : St-Cu.	St-Cu.	7	3	10	8	8	10	⌓^{0}	...	●	...	...	...	cw to b a : orp cy c p : o, p to bc, n :
8	St-Cu.	A-Cu. : Fr-Cu.	A-Cu.:St-Cu.:Fr-Cu.	1	3	4	—	4	1	⊔	...	...	—	...	≡^{0}⊔	● p early a : p p : bm^0 x n :
9	Ci-St. : St-Cu.	Cu. : Fr-Cu.	A-St.	7	1	3	3	1	0	⊔	...	...	...	...	...	cx to by, a : by, b, p : b n :
10	Ci. : St.	Cu.	Ci-St. : A-St.	3	2	3	3	8	10	⊔	...	...	...	∞	≡^{0}	bx, by, a : by, cz p : om, n :
11	Ci-St.: A-St.: St-Cu.	St-Cu.	St-Cu.	10	10	9	9	1	1	...	≡^{0}	∞^{0}	...	...	≡^{0}	● early a : p^0 ✱ 16h. 30m. : mb, bx, n :
12	A-Cu.: Nb.: Fr-Nb.	Cu.	Ci. : Fr-Cu.	4	3	5	7	2	1	⊔	...	...	...	...	...	✱^{0} 6h. 20m. and 7h. 10m. : cy, by, p:b, [bx n :
13	Ci-St.: A-St.: St-Cu.	A-St.	Ci. : A-St.	2	6	10	10	9	10	≡^{0}⊔	⊔	...	...	...	●	bxm to o, a : o, p : or n :
14	A-Cu.: A-St.: St-Cu.	St-Cu.	St.-Cu.	9	9	9	10	10	10	≡^{0}	...	...	...	...	●^{0}	op, om, o a : o, p : or, o, n :
15	A-St. : St.	A-St.:St-Cu.:Fr-Cu.	Ci-St. : St. : St-Cu.	10	10	10	—	9	0	≡^{0}	≡^{0}	...	—	...	≡^{0}	op, o, a : oco, p : bm, n :
16	St.-Cu.	A-Cu.	A-St. : Fr-St.	9	10	1	1	10	10	≡^{0}⌓	≡^{0}⌓	...	...	...	...	omw-b, a : b, bc, c, oz, p : o n :
17	Ci-St.:A-Cu.:St-Cu.	St-Cu.	St-Cu.	7	8	10	10	9	4	⌓	...	...	...	≡^{0}	...	cw-o a : o, op, om, p : bc, bcf n :
18	St.	...	...	3	1	0	0	0	0	≡⊔⌓	≡^{0}⌓	∞^{0}	∞^{0}	∞^{0}	≡^{0}⌓	≡ till 10h., bzy, p : bmw-bf n :
19	...	A-St.	A-Cu.	0	0	10	6	9	10	≡⌓⊔⌓	≡⌓⌓	≡^{0}	∞^{0}	∞^{0}	...	≡till about 10h. 30m., bcz, oz p : om n :
20	St-Cu.	St-Cu.	St-Cu. : Nb.	9	10	10	10	0	10	≡^{0}⌓	≡^{0}⌓	...	...	●^{0}p	●	omw, o a : o, op p : or, o n :
21	A-Cu.	Ci. : Cu. : St-Cu.	Ci. : A-Cu. : Cu-Nb.	1	10	8	7	8	1	≡^{0}⊔	≡^{0}	...	...	...	⊔	bmx to om, a : cps, p : bx to ops, n :
22	St-Cu.	Cu. : Fr-Cu.	Cu-Nb.	10	7	7	—	3	0	...	...	...	—	≡^{0}	≡^{0}⊔	o, c, a : c, ops, bm, p : bmx n : ✱ 16h. 10m. to 17h. 30m.
23	...	Cu.	Ci. : A-St.	0	0	5	9	3	1	≡^{0}⊔	≡^{0}⌓	...	...	≡^{0}	...	bmx, bmw, bc, a : c, o, bm p : b-o n :
24	Nb.	St-Cu.	Nb. : St-Cu.	10	9	10	5	9	10	≡^{0}●^{0}●	≡^{0}	...	...	≡^{0}●p	●^{0}	od, or, om, a : o-bcy, p : opr, om, n :
25	A-Cu. : St-Cu.	Cu. : Cu-Nb.	Cu-Nb. : Cu.	9	10	6	9	7	7	⊔^{0}	...	●^{0}p	u	∞^{0}	...	ox to bc, a : p, bc, c, ou, p : oz to b n :
26	St. : St-Cu.	St. : St-Cu	A-Cu. : St-Cu. : Nb	10	10	10	9	9	5	≡^{0}	≡^{0}	...	...	...	...	bcx to om, a : o, c, o p : o to bc, n :
27	St-Cu. : Fr-Cu	St. : St-Cu.	St-Cu.	10	9	10	10	7	0	...	≡^{0}	...	...	...	...	o, om, a : o, c, p : c to b n :
28	St-Cu. : St.	St-Cu.	St. : St-Cu.	10	10	9	10	10	9	⊔	≡^{0}	...	...	...	...	ox, om, a : o, p : o, c, n :
29	Ci-Cu: A-Cu.:St-Cu.	St-Cu.	St-Cu.	6	10	10	—	9	10	⊔	...	...	—	...	...	o, c, x, o, a : o p & n :
30	St-Cu.	St.-Cu.	St. : St-Cu.	10	10	10	10	10	10	...	≡^{0}	...	...	≡^{0}	...	o, om, o, a : o, om, p : o, n :
31	A-St. : St-Cu.	A-St. : St-Cu.	A-St. : St-Cu.	10	10	10	7	10	7	...	...	...	...	...	...	o, a : o, c, o, p : c, o, n :
Mean Cloud Am'nt				6·5	7·0	7·7	7·7*	7·6	5·9							

477. Richmond (Kew Obs.). **April, 1925.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	A-St. : St. : Fr-St.	Ci. : Cu.	Ci-St. : Cu.	10	10	7	7	6	3	...	●^{0}	...	...	...	≡^{0}⌓	o, or, cy, a : cy, bcy, p : bmw, cw, n :
2	St. : St-Cu.	Nb. : St-Cu.	St. : Fr-Nb.	10	10	10	10	10	10	≡^{0}	●^{0}p	≡^{0}	...	≡^{0}●	≡^{0}	om, opr, a : om, o, orm, p : om, o, n :
3	A-St. : St-Cu. : Nb.	Fr-Cu.	Cu.	10	9	1	1	1	0	...	...	...	...	...	≡^{0}	o, opr to by, a : by, p : bm to omx, n :
4	St-Cu.	St-Cu.	...	9	9	7	7	0	3	≡^{0}⊔	...	...	...	...	...	omx-c, a : c, cy, bc, b, p : b, bc, c, n :
5	Ci-St.:A-St.:St.Cu.	St-Cu. : Fr-Nb.	A-St.:Fr-Nb.:St-Cu	19	10	10	—	10	10	...	●^{0}	●^{0}	—	●^{0}	●^{0}	c, od, a : od, or, p : or, n :
6	Nb. : Fr-Nb.	Nb. : St-Cu.	St. : St-Cu.	10	10	9	8	9	9	●	≡^{0}●	...	...	...	≡^{0}	or, orm, o, a : c, bc, c, o, p : om, opr, o n :
7	St.	A-St. : Cu.	A-St. : Nb.	10	10	10	10	10	10	≡●⁝	≡	∞^{0}	∞^{0}	●	≡^{0}●^{0}	ofe, oz, a : cz, ot or, p : or, odm, o n :
8	Ci-St. : A-St. : St.	...	A-Cu. : St-Cu.	8	1	0	6	9	0	≡^{0}	≡	...	...	≡	≡^{0}⌓	om to bm, a : by, bcy, p : of to bmw n:
9	Ci-St. : St-Cu.	Ci-St. : Cu.	A-St. : St-Cu.	3	9	9	10	10	10	≡^{0}⌓	⊕	...	...	...	...	bmw to oy, a : oy, o, p : o, n :
10	Nb.	A-Cu. : St-Cu.	A-Cu. : St-Cu.	10	10	9	—	9	4	≡^{0}●	≡^{0}	●^{0}p	—	∞^{0}	...	or, om, opr, a : opr, oz, p : orp, o to b, n :
11	...	Cu.	Ci. : A-Cu.	0	0	4	3	5	0	≡⌓⌓	≡^{0}⌓	...	...	...	⌓⌓	bfw, bmw, bcy, a : bcy, by, p : bmw n:
12	Ci-St.	Ci. : Cu.	Ci-St.: A-Cu.:St-Cu.	8	4	8	—	8	1	⌓⌓	⌓≡	∞^{0}	—	...	...	cfw, bcf, a : cz, bcy, cy, p : bw-cw, n :
13	Ci.	Nb.	A-Cu.:A-St.:St-Cu.	8	5	10	10	10	5	⌓⌓	⌓	●^{0}	●^{0}	...	...	cw, bcw, or, a : ● 12h. 20m. to 15h. 20m : bc, b n :
14	Ci.	Ci-St. : Cu. : St-Cu.	A-St. : Nb. : St-Cu.	2	6	8	10	10	10	⌓	...	...	...	●	●	bw, bc, cy, a : cy, oy, or, p : or n :
15	Ci-St. : Fr-St.	A-St.:Fr-St.:St-Cu.	Nb.	10	10	10	7	9	8	...	...	q.	●p	●p	...	o, oqy, a : cqrp, op, p : op, bc, orq, c,n:
16	Ci. : St. : Fr-Cu.	St-Cu.	Nb. : St-Cu.	7	9	8	8	9	9	q.	q.	q.	q.	●^{0}p	...	b to oq, a : oqp, cq, p : op, q, o, c, n :
17	St-Cu.	St-Cu. : Cu.	Ci. : A-St. : Cu.	1	7	8	8	6	1	...	...	...	...	...	...	b, bc, cy, a : cy, bcy, p : bcy, b, c, n :
18	Nb. : St.	A-St. : Nb. : Fr-Cu.	A-Cu. : Fr-Cu. : Nb.	10	10	10	10	9	9	●p	...	●p	...	...	...	b to opr, a : op, o, p : o, n :
19	A-Cu. : St-Cu.	A-St. : St. : Fr-St.	A-St.:St-Cu.:Fr-St.	10	9	10	—	10	10	≡^{0}	≡^{0}	≡^{0}	—	...	...	om, a : om, o, p : o, n :
20	Fr-Cu. : St-Cu.	St-Cu.	Det. : Cu.	9	9	10	7	2	4	...	...	...	...	...	...	o, a : o, to b, p : b, bc, n :
21	St-Cu.	...	...	9	9	0	0	0	0	...	...	...	...	∞^{0}	...	o to by, a : by, bz, p : b, n : [o, n :
22	Ci-St.	Ci.	Ci-St. : Ci-Cu.	7	6	4	8	10	10	⊔≡^{0}	...	...	...	...	...	⊔ early a : b, bcxm, bc, a : by, cy, p :
23	Nb.	St-Cu.	Cu.	10	10	10	9	4	2	●	...	...	...	...	...	● 3h. 50m. to 8h. 55m, o, c, op, bc, p : bc, b, n :
24	A-Cu.	Ci. : Cu-Nb.	St. : St-Cu.	1	6	5	6	4	3	⌓	...	...	...	∞^{0}	...	bx to oupt, c, a : bc, p, c, bcq, p : bc, p, b, n :
25	Ci-St.	A-Cu. : Cu. : Cu-Nb.	A-St.:A-Cu. : St-Cu.	1	1	7	9	9	10	⊔≡^{0}	∞^{0}	...	...	...	●	bxm, cp, cy, a : op, bcy, oy, p : oy, o, or, o, n :
26	A-Cu.	A-St. : Cu. : Nb.	A-Cu.:A-St. : St.Cu.	5	9	9	—	9	3	...	...	●^{0}p	—	∞^{0}	...	bc, c, o, p, a : or, hlt, bc, or, oz, p : bm, n :
27	A-St. : Nb. : Fr-Nb.	Cu.	A-Cu. : St-Cu.	9	8	8	7	9	8	●^{0}p	≡^{0}	∞^{0}	∞^{0}	∞^{0}	≡^{0}⌓	opr, m, cm, oprh, cz, a : cz, oz, p : omw, n :
28	A-Cu. : Fr-St.	A-St. : Cu-Nb.	A-Cu. : Cu-Nb.	10	9	8	6	9	1	≡^{0}⌓	≡^{0}	∞^{0}	∞^{0}	∞ u	...	om, pr, cz, a : c. pr, t, ou p : b, n :
29	Ci-St.	Ci-St. : Cu.	Ci-St. : Cu.	2	5	8	9	8	6	≡^{0}⊔⌓	≡^{0}⌓⌓	∞^{0}	∞^{0}●	∞^{0}	≡^{0}	bmx, bcmw, cz, a: ouzpr, cz, p : bcm,n:
30	Ci-St. : St-Cu. : St.	Ci. : Cu.	Ci. : Cu-Nb.	9	8	4	9	9	10	≡^{0}⌓	≡^{0}⌓	...	...	u	●^{0}	owm to bc, a : bc, op, bc, ou, p : K 19h : or, n :
Mean Cloud Am'nt				7·3	7·6	7·4	7·4†	7·4	5·6							

Day. | Cloud Forms. 7h 13h 18h | Cloud Amount (All Forms). 7h 9h 13h 15h 18h 21h | Weather. 7h 9h 13h 15h 18h 21h | Remarks.

* Mean for 26 days only. † Mean for 25 days only.

478. Richmond (Kew Obs.). **May, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	A-Cu. : A-St. : St.	St-Cu.	A-Cu. : St-Cu.	9	4	10	8	9	1	≡^{0}	∞^{0}	∞^{0}	∞^{0}	∞^{0}	...	● 1h. 30m. or to om, bcz, ● z, *a* : oz, c, z, prz, *p* : b, *n* :
2	...	St.-Cu.	St-Cu.	0	1	9	10	10	8	⊔≡^{0}	∞^{0}	...	...	...	...	bxm, bz to oy, *a* : oy, oc, o, *p* : bc to o, *n* :
3	A-Cu.: A-St.: St-Cu.	A-St. : Fr-Cu.	A-St. : Nb.	10	10	10	—	10	10	≡^{0}	≡^{0}	...	—	≡^{0}●	...	c, bc, om, oy, *a* : oy, orm, *p* : or, o, *n* :
4	Nb. : Fr-Nb.	St-Cu.	St. : Nb. : Fr-Cu.	10	9	10	9	8	10	≡^{0}●^{0}	...	...	...	...	●^{0}	or, odm, o, *a* : o, c, o, *p* : or, o, *n* :
5	A-St. : A-Cu. : St.	A-St. : St-Cu.	Ci. : St-Cu.	9	8	10	10	8	0	≡^{0}	...	...	...	...	...	orm, om, c, *a* : o, ord, c, bc, *p* : b, *n* :
6	Ci-St. : Cu. : Fr-Cu.	Cu. : St-Cu.	Ci : Cu.	6	10	6	6	4	4	≡^{0}ꝺ	●^{0}	...	...	...	...	p^2 7h 10m p^0 10h 35m bcy, *p*: bc to o, *n* :
7	Ci-St : Nb.	Ci : St-Cu. : Cu.	Ci. : St-Cu. : Cu.	10	7	8	8	8	6	●^{0}	...	...	...	...	...	●^{2}▲ 9. 55. to 10. 5., cop, c, *p*: bc, b, *n* :
8	A-St. : Nb. : Fr-Nb.	A-St. : St-Cu. : Nb.	Ci. : Cu. : St-Cu.	9	10	10	9	5	9	≡^{0}●^{0}	≡^{0}●^{0}	...	...	...	...	orm, o, *a* : op, o, c, bcy, *p* : c, o to b, *n* :
9	A-Cu. : St-Cu. : Cu.	Cu : St-Cu.	St-Cu. : Cu.	8	6	7	4	6	4	≡^{0}ꝺ	...	●p	...	...	...	cmw, bc, t, p, c, *a* : cp, bcy, *p* : bc, b, *n* :
10	A-Cu. : St-Cu. : Cu.	St. : St-Cu. : Nb.	Ci. : Cu.	9	9	10	—	4	1	ꝺ	ꝺ	≡^{0}●p	—	...	≡^{0}ꝺ	omw, ptm, *a*: opm, c, bcy, *p* : bwm, *n* :
11	...	Ci-St : Fr-Cu.	A-Cu. : St.	0	10	8	8	9	10	≡^{0}ꝺ	≡^{0}ꝺ	...	...	...	...	bmw to omw, cy, *a* : cy, o, *p* : o, *n* :
12	A-Cu. : St-Cu. : Cu.	Fr-Cu.	St-Cu.	8	5	2	3	1	0	ꝺꝺ	...	...	...	...	...	o, cw, bc, by, *a* : by, *p* : bm, *n* :
13	Cu. : Fr-Cu.	St-Cu.	Cu.	1	1	8	7	4	1	≡^{0}ꝺꝺ	...	...	...	...	ꝺ	bmw, b, bc, c, *a* : cy, bcy, *p* : bw, *n* :
14	...	Cu.	...	0	1	4	6	0	0	≡^{0}ꝺꝺ	∞^{0}	∞^{0}	∞^{0}	...	≡^{0}	bmw, bz, bczy, *a* : bczy, by, *p* : bm, *n* :
15	...	...	Fr-Cu.	0	0	0	3	2	0	≡^{0}ꝺꝺ	∞^{0}	...	∞^{0}	∞^{0}	≡^{0}	bmw, bz, by, *a* : bzy, *p* : bm, *n* :
16	St.	Fr-Cu.	Ci.	10	1	1	3	3	7	≡ꝺ	≡^{0}ꝺ	∞^{0}	...	...	ꝺ	≡clearing 8h. 50m., bzy, b, *p* : cw, o, *n* :
17	St.	...	Ci. : Ci-Cu. , A-St.	10	4	0	—	6	10	≡^{0}ꝺꝺ	≡^{0}ꝺꝺ	∞^{0}	—	...	...	omw, byz, *a* : byz, cy, *p* : o to b, *n* :
18	A-St.	A-Cu. : Nb.	Ci-Cu.:A-Cu.:Cu-Nb	1	1	10	8	7	9	≡^{0}ꝺꝺ	∞^{0}	●^{0}	∞^{0}	∞^{0}	≡^{0} ≺	bmw, b3, or, *a* : orp, cz, t, *p* : ortl, *n* :
19	St.	A-Cu. : Cu. : St-Cu.	A-Cu. : St-Cu.	10	7	7	10	9	6	≡^{0}	≡^{0}	∞^{0}	∞^{0}	∞^{0}	≡^{0}ꝺ	om, cm, cz, *a* : cz, oz, *p* : bcmw, cw, *n* :
20	St. : Nb.	Cu.	Ci.	10	10	6	4	2	3	≡^{0}●^{0}p	≡^{0}●^{0}	...	...	...	...	oprm, orm, bcy, *a* : bcy, by, *p* : b, *n* :
21	Ci. : Ci-St.	Cu. : St-Cu.	Ci. : Cu.	4	6	8	7	9	4	ꝺ	...	()	...	⊕	...	bcw, bc, cvy, *a* : cy, oy, *p* : bc, *n* :
22	A-Cu. : A-St. : Cu.	Ci. : Ci-St. : Cu.	Ci. : Cu.	7	2	9	7	7	4	≡^{0}ꝺ	∞^{0}ꝺ	...	...	...	...	cmw, bzw, oy, *a* : cy, *p* : bc, *n* :
23	A-St. : Nb. : Fr-Nb.	St-Cu. : Nb.	St-Cu.	10	10	9	9	9	9	≡^{0}●^{0}	≡^{0}●^{0}	...	●^{0}p	...	...	odm, or, c, o, *a* : op, oy, *p* : o, or, *n* :
24	A-St.:Fr-Cu.:St-Cu.	Ci. : Cu.	St-Cu. : Nb.	10	8	7	—	10	6	...	...	...	—	≡^{0}●^{0}	...	or, c, op, *a* : opr, odm, *p* : bc to o, *n* :
25	A-St. : Nb. : Fr-Nb.	Cu. : St-Cu.	Ci. : St-Cu. : Cu-Nb.	10	9	9	7	7	1	≡^{0}	...	...	...	...	ꝺ	or, om, op, o, *a* : c, *p* : bw, bf, *n* :
26	A-Cu.	A-Cu. : Cu. : Fr-Cu.	Ci-St. : St-Cu.	1	7	6	5	9	10	≡^{0}ꝺ	...	...	...	...	≡^{0}	bmw, c, bcy, *a* : bcy to o, *p* : om, *n* :
27	Nb. : Fr-Nb.	Nb. : St-Cu.	A-St. : Nb.	10	10	10	10	10	9	≡^{0}●^{0}	≡^{0}●	...	●^{0}	●^{0}	...	orm, o, *a* : or, *p* : op, o, *n* :
28	Cu.	Ci-Cu. : Ci. : Cu.	Ci-Cu. : Ci. : Cu.	4	5	7	7	3	1	...	⦶	()	...	...	...	bc, cvy, *a* : cy, by, *p* : crp, to b, *n* :
29	Ci. : A-Cu. : Cu.	St-Cu. : Nb.	St-Cu. : Nb.	5	8	9	9	9	10	ꝺ	...	●^{0}p	...	...	...	bcw to op, *a* : op, c, o, *p* : o *n* :
30	Cu. : St-Cu.	Cu. : Fr-Cu.	Cu-Nb.: Nb.: St-Cu	1	7	7	7	5	3	...	...	...	...	...	...	or, c, b, c, cy, *a* : c, opq, *p* : b, *n* :
31	St-Cu. : Fr-Cu.	Cu. : Fr-Cu. : St-Cu.	A-Cu : Cu.Nb. : Cu.	1	8	8	—	8	2	...	...	...	—	...	...	b to cy, *a* : cy, bc, cpr, *p* : or-b, *n* :
Mean Cloud Am'nt				6·2	6·3	7·3	*7·1	6·5	5·1							

479. Richmond (Kew Obs.). **June, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Fr-Cu.	Cu.	A-Cu. : Cu. : St-Cu.	1	6	7	7	7	8	ꝺ	ꝺ	()	()	...	...	bw, cvy, *a* : cvpr^0, cy, *p* : bc, bw, *n*
2	A-Cu. : St-Cu.	Cu.	A-Cu:Cu-Nb:Fr-Cu.	8	3	7	8	5	8	≡^{0}ꝺꝺ	^{0}ꝺ	...	...	...	...	bwm to cy, *a* : cy, bcy, *p* : c, p, *n* :
3	Ci-St.	Ci.	Ci.	1	1	5	5	1	2	≡^{0}ꝺꝺꝺ	...	...	...	...	...	bw, b, bcy, *a* : bcy, by, *p* : b, *n* :
4	Ci.	A-Cu.	...	1	4	1	0	0	0	≡^{0}ꝺꝺꝺ	^{0}	...	...	...	≡^{0}	bmw, bcz, by, *a* : by, *p* : bm, *n* :
5	Ci.	Cu.	...	1	0	2	0	0	0	≡^{0}ꝺꝺꝺ	^{0}	...	...	...	≡^{0}	bmw, bz, *a* : by, *p* : bm, *n* :
6	...	...	A-Cu. : Cu.	0	0	0	4	4	10	≡^{0}ꝺꝺ	∞^{0}	...	...	...	...	bmw, bz, by, *a* : bcy, bczy, *p* : o, c, *n* :
7	...	Ci. : Ci-St.	Ci. : A-St.	0	0	5	—	6	2	≡^{0}ꝺꝺꝺ	...	...	—	...	...	bmw, b, bc, *a* : bc, c, *p* : b, bc, c, *n* :
8	A-St. : St.	Ci. : Ci-Cu.	Ci.	10	1	1	7	4	1	≡^{0}ꝺꝺꝺ	^{0}	...	...	...	≡^{0}	omw, c, bz, by, *a* : by to cy, *p* : bm, *n* :
9	...	...	...	0	0	0	<1	0	0	∞^{0}ꝺꝺꝺ	^{0}	...	...	...	ꝺ	bzw, bz, by, *a* : by, *p* : bw, *n* :
10	...	...	...	0	0	0	0	0	0	≡^{0}ꝺꝺꝺ	^{0}	...	∞^{0}	...	...	bmw, bzy, by, *a* : by, bzy, *p* : by, b, *n* :
11	...	...	...	0	3	0	0	0	0	≡^{0}ꝺꝺ	...	...	...	...	≡^{0}ꝺ	bmw, by, *a* : by, *p* : bmw, *n* :
12	...	...	Ci-Cu: A-Cu.:St-Cu.	0	0	0	6	8	7	≡^{0}ꝺꝺ	∞^{0}ꝺ	...	...	∞^{0}	≡^{0}	bmw, bzy, *a* : bzy, bc, cz, *p* : cm, *n* :
13	Ci-St. : Ci-Cu.	Fr-Cu.	Ci. : Ci-Cu. : A-Cu. :	1	1	3	7	8	9	≡^{0}ꝺꝺ^0	...	...	...	⦶	≡^{0}	bmw, b, by, *a* : by, cy, *p* : om^0 to bw^0 *n* :
14	A-St.:St-Cu.:Fr-Cu.	Ci-St.:A-Cu.:St-Cu.	Cu. : A-Cu. : Cu.	10	10	9	—	6	8	ꝺꝺ^0	...	...	—	...	...	bw to o, *a* : o to bcy, *p* : c, bc, b, *n* :
15	...	Cu.	Fr-Cu.	0	1	3	7	3	2	≡^{0}ꝺꝺ	...	...	...	...	...	bmw, b, by, *a* : by to bcy, *p* : b, *n*
16	A-Cu. : A-St.	Ci-Cu. : Ci. : Cu.	Ci. : Ci-St. : Fr-Cu.	2	5	6	7	8	5	...	...	...	...	...	...	b, bc, bcy, *a* : bcy, cy, *p* : bc, *n* :
17	A-St.:St-Cu.:Fr-Cu.	St-Cu.	Cu.	10	9	8	7	2	7	ꝺ	...	...	...	...	≡^{0}	bc, ow, *a* : c, cy, by, *p* : cm^0, bw^0, *n* :
18	Cu.	**St-Cu.**	Cu. : St-Cu.	4	7	6	7	3	1	...	...	...	...	...	...	bc, c, bcy, *a* : cy, bcy, by, *p* : b, *n* :
19	Ci.	Ci-St. : Ci. : Cu.	A-Cu. : St-Cu.	3	3	8	2	9	9	≡^{0}ꝺꝺ	...	⊕	...	...	≡^{0}ꝺ	bmw, b, cy, *a* : cy, bcy, by, *p* : opr^0 *n* :
20	A-Cu. : Cu. : Fr-Cu.	Cu.	A-Cu.:St-Cu.:Cu-Nb	8	3	6	8	9	5	ꝺꝺ	...	...	...	...	ꝺ^0	cw, b, bcy, *a* : cy, bcy, oy, *p* : bcw^0 *n* :
21	Ci-St.:A-Cu.:St-Cu.	A-St.:St-Cu.:Fr-Cu.	Ci. : A-Cu. : St-Cu.	7	10	9	—	7	9	ꝺ	...	...	—	...	...	cw, o, oy, *a* : oy, cy, *p* : o, *n* :
22	Cu. : Fr-Cu.	St-Cu.	St-Cu.	3	9	9	10	10	10	...	...	...	...	...	...	c, b, bc, c, o, *a* : o, *p* : o, c, *n* :
23	St-Cu.	St-Cu.	Ci. : A-Cu. : St-Cu.	10	10	10	9	5	10	...	...	...	...	...	...	o, *a* : o, c, bcy, *p* : o, *n* :
24	St-Cu.	St-Cu. : Nb.	St-Cu. : Nb.	10	10	10	10	10	10	...	...	●^{0}	≡^{0}●^{0}	≡^{0}●^{0}	≡^{0}	r or d at intervals from 10h. 30m.
25	St-Cu. : St.	Ci. : Det-Cu.	A-Cu. : Det-Cu.	9	5	2	7	3	4	≡^{0}	...	...	...	...	...	od^0 early *a* : om to by, *a* : by, cy, *p*, bc, c, *n* :
26	St-Cu.	St-Cu.	St. : Fr-St.	10	10	10	10	10	10	...	...	...	...	≡^{0}●^{0}	≡^{0}●^{0}	o, *a* : o, om^{0}d, *p* : or^{0}m^0, o, *n* :
27	A-St. : St-Cu.	A-Cu. : St-Cu. : Cu.	A-Cu. : Cu. : Fr-Cu.	10	10	9	9	9	10	≡^{0}	...	...	...	...	...	om, o, *a* : o, *p* & *n* :
28	St-Cu. : Fr-Cu.	A-Cu. : Cu. : St-Cu.	Ci-St. : Fr-Cu. : St.	9	10	8	—	7	2	...	...	...	—	...	...	o, c, o, *a* : cy, *p* : b, *n* :
29	...	Cu.	Cu.	0	0	5	7	2	1	≡^{0}ꝺ	∞^{0}	...	...	...	...	bmw, bz, bcy, *a* : cy, by, *p* : b, *n* :
30	Ci.	Det-Cu.	Ci.	3	3	4	2	7	7	≡^{0}ꝺꝺ	...	...	...	...	≡^{0}ꝺ^0	bmw, bz, b, *a* : by, cy, *p* : cmw, *n* :
Mean Cloud Am'nt				4·4	4·5	5·1	†5·7	5·1	5·2							

Day.	7h	13h	18h	7h	9h	13h	15h	18h	21h	7h	9h	13h	15h	18h	21h	Remarks.
	Cloud Forms.			Cloud Amount (All Forms).						Weather.						

* Mean for 26 days only. † Mean for 26 days only.

480. Richmond (Kew Obs.). July, 1925.

Day	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Ci-St. : Ci.	Cu.	Cu .	2	3	6	3	1	1	$\equiv^0$⌓	∞	...	...	...	$\equiv^0$	bmw, bz bcy *a* : by *p* : bm, w, *n* :
2	A-Cu.	Ci. : Ci-St. : Cu.	Ci. : Ci-St.	2	8	6	6	7	4	$\equiv^0$⌓	∞	...	...	...	$\equiv^0$	bmw, cz, bcy, *a* : bcy, cy, *p* : bcm to om, *n* :
3	A-St. : Fr-St.	St.	A-Cu. : St.	10	9	10	10	8	10	$\equiv^0$	$\equiv^0$	∞^0 $\bullet^0$	∞^0	∞	$\equiv^0$ $\bullet^0$	om, or m, om, odz, *a* : ozr, oz, cz *p*:
4	St. : Nb.	St-Cu. : Nb.	St-Cu.	10	10	10	10	9	7	...	...	...	...	...	...	o, *a* : oc, o, *p* : ci o, *n* : [odm, o, *n* :
5	St. : Fr-St. : Nb.	A-St. : St. : Fr-St.	A-Cu. : A-St. : St-Cu.	10	10	10	—	9	5	...	...	...	—	...	$\equiv^0$	o odm, o *a* : o oy, *p* : bcm b, *n* :
6	Ci-St. : Ci.	Ci-Cu. : A-Cu. : Cu.	A-Cu. : St-Cu.	2	5	9	7	9	10	$\equiv^0$⌓	...	...	...	...	...	bmw, bc, c, oy, *a* : o, *p* : o, op, o, *n* :
7	Nb. : Fr-Cu.	Cu. : St-Cu.	St-Cu. : Cu.	10	10	6	8	5	4	$\equiv^0$ $\bullet$	$\equiv^0$ $\bullet^0$	...	...	...	...	o, orm to bc, *a* : cy, bcy, *p* : bc, *n* :
8	Ci-St.	A-St. : A-Cu. : St-Cu.	A-Cu. : St-Cu. : Cu.	5	10	10	9	10	10	$\equiv^0$⌓	...	...	...	...	...	bcm, w, o, oy, *a* : ⊕ 9h 30m, oy, cy, *p* : oy, o, *n* :
9	Ci-Cu. : A-Cu. : Cu.	A-Cu. : Cu. : Cu-Nb.	Ci. : A-Cu. : Cu.	4	8	7	9	7	7	...	...	...	...	...	$\equiv^0$⌓^{0}	bc, c, bc, cy, *a* : cy, op, cy, *p* : cy, omw, bc, *n* :
10	A-St.:A-Cu.:St-Cu.	St-Cu. : Nb.	A-Cu. : Nb. : St-Cu.	9	10	9	10	9	2	...	$\bullet^0$	...	...	...	⌓^{0}	o, od, o, *a* : o, c, o, *p* : o to bw, *n* :
11	Ci. : Fr-Cu.	Ci. : Cu.	Cu.	2	2	5	7	1	9	$\equiv^0$⌓	...	...	...	...	∞^0	bmw to bcy, *a* : cy to by, *p* : bw to cmw, *n* :
12	A-Cu. : Fr-Cu.	Cu. : Fr-Cu. : St.	Cu.	7	<1	8	—	5	3	$\equiv^0$⌓	$\equiv^0$	∞^0	—	...	...	bm to czy, *a* : $\bullet^0$ 15h op to bc, *p* : bw, *n* :
13	...	Ci.	Ci. : Ci-Cu.	0	1	4	6	2	3	$\equiv^0$⌓	∞^0	∞^0	...	...	$\equiv^0$	bmw to bczy, *a* : bcy, by, *p* : bmw, *n* :
14	Ci.	Ci.	Cu.	2	1	2	2	1	1	$\equiv^0$⌓	...	...	...	...	$\equiv^0$⌓^{0}	bmw, by, *a* : by, *p* : bmw, *n* :
15	Ci.	Ci. : Ci-Cu. : A-Cu.	A-Cu. : Cu.	2	1	7	7	8	8	$\equiv^0$⌓	...	...	...	...	$\equiv^0$	bmw to cy, *a* : cy, *p* : cm to bmw, *n* :
16	Ci-St. : Ci.	A-Cu. : St-Cu.	Ci-St. : St-Cu.	3	1	9	9	10	10	$\equiv^0$⌓	...	...	...	...	...	bmw to o, *a* : oy, *p*; ⊕ 17h 30m, o to b, *n*:
17	St-Cu.	Ci-Cu. : A-Cu. : Cu.	A-Cu. : St-Cu.	3	7	8	6	8	7	...	...	...	...	...	...	b to cy, *a* : bcy, cy, *p* : c, o, od, *n* :
18	Nb. : St-Cu.	Ci. : A-Cu. : Cu.	Ci-Cu.:A-Cu.:St-Cu.	10	10	7	7	7	2	$\bullet^0$	...	...	...	...	...	od to cy, *a* : cy, *p* : b to o, r, *n* :
19	Nb.	Ci. : Cu. : Fr-Cu.	Ci. : Ci-St. : Cu.	10	1	8	—	9	2	$\bullet$	...	...	—	...	...	o, r to b, *a* : cy, oy, *p* : bcw to omw, *n* :
20	St. : St-Cu.	Ci. : A-Cu. : Cu.	A-Cu. : St-Cu.	10	10	8	7	9	8	$\equiv^0$⌓	$\equiv^0$	∞^0	∞^0	$\equiv^0$	$\equiv^0$	omw to cz, *a* : cz or om, *p* : cm or om, *n*:
21	St. : Nb.	Cu.	Ci.	10	10	5	6	8	5	$\equiv^0$	$\equiv^0$	∞^0	∞^0	∞	$\equiv^0$	$\bullet$ p 3h 30m to 55m, bcz, *p* : or tl to bm, *n* :
22	Ci-Cu. : A-Cu.	Ci. : A-Cu.	A-St. : Nb.	1	1	7	10	10	10	$\equiv^0$	∞^0	...	...	ℸ	ℸ	ℸ oh 45m to 2h ℸ^2 16h 50 to 21h 45
23	A-St.:St-Cu.:Fr-Cu.	A-St.:St-Cu.:Cu-Nb	A-St. : St-Cu. : Nb.	10	10	10	10	10	10	$\equiv^0$	$\equiv^0$	$\bullet$*p*	$\bullet^0$	$\bullet^0$	$\equiv^0$	ℸ oh 50m to 2h 30m, $\bullet^0$ T, *p* : or *n* :
24	Ci.	A-Cu. : Cu-Nb.	C.. : A-Cu. : Cu-Nb.	2	4	9	10	2	3	$\equiv^0$	∞^0	...	...	...	...	$\bullet$ oh 25m to 3h, oy or to by, *p* : bc to om, *n* :
25	St-Cu. : St.	Cu.	Ci-St. : Cu.	10	9	1	3	2	1	$\equiv^0$	∞^0	...	...	...	$\equiv^0$	om to b, *a* : by, *p* : bm to or & od, *n* :
26	A-St. : Nb. : Fr-Nb.	Cu.	Ci. : Ci-St. : Cu.	10	10	5	—	4	2	$\bullet^0$	$\equiv^0$ $\bullet^0$	...	—	()	...	orm to bcy, *a* : bcy, cpv, *p* : b to or, *n* :
27	St-Cu. : Nb.	St-Cu. : Nb.	Nb. : Fr-Cu.	10	10	10	10	9	7	...	$\equiv^0$ $\bullet^0$	$\bullet^0$	$\bullet^0$	$\bullet$*p*	...	orm & or, *a* & *p* : ℸ^2 18h 8m to 32m : ▲ 18h 15m—20m :
28	St-Cu.	St-Cu.	Cu. : Fr-Cu.	10	9	10	7	1	0	...	...	...	...	()	...	o, *a* : o to bvy, *p* : b to ow, *n* :
29	A-Cu.: A-St. :St-Cu.	St. : St-Cu.	Ci-St. : St. : St-Cu.	9	10	10	10	10	9	...	...	...	...	...	...	ow, od, o, *a* : o, c, o, *p* : or to bc, *n* :
30	A-Cu. : Cu. : Fr-Cu.	A-Cu. : St-Cu. Nb.	St-Cu. : Nb. : Cu.	5	10	9	7	9	4	...	...	...	()	...	...	bc, rp to o, *a* : cqvy, op, o, *p* : bc to orm *n*:
31	Nb.	St.	A-Cu. : Cu. : Fr-Cu.	10	10	10	9	9	9	$\equiv^0$ $\bullet$	$\equiv^0$ $\bullet^0$	$\equiv^0$	$\equiv^0$	...	$\equiv^0$	orm to om, *a* : cm, oz, o, *p* : om bc, o, *n*:
Mean Cloud Am'nt.				6·5	6·8	7·6	7·6*	6·7	5·6							

481. Richmond (Kew Obs.). August, 1925.

Day	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu.	St-Cu. : Cu.	A-Cu. : Cu.	9	7	3	9	8	7	...	...	...	...	...	...	o to bz, *a* : bz to c, *p* : c, ow, *n* :
2	A-Cu. : St.-Cu	Cu. : Fr-Cu.	Cu.	9	9	8	—	2	3	⌓	...	...	—	...	⌓	ow to cy, *a* : cy, to by, *p* : bw to cw, *n* :
3	A-Cu. : St-Cu.	A-St. : St-Cu. : Nb.	A-Cu. : St-Cu. : Cu.	8	8	10	9	9	4	⌓	⌓ ⊖	$\bullet^0$	...	...	...	cw ⊖, or *a* : or, o, *p* : bc *n*
4	A-St. : St. : Fr-St.	Nb.	A-St. : Nb.	10	10	10	10	10	10	$\equiv^0$	$\equiv^0$	$\bullet^0$	...	$\equiv^0$ $\bullet$	$\equiv^0$ $\bullet^0$	om, or, *a* : o, or m, *p* : orm, o, *n* :
5	St.	Ci-St. : Cu.	A-Cu. : Cu.	10	9	10	7	7	3	$\equiv^0$	$\equiv^0$	⊕	...	...	...	om, o, *a* : o, cy, *p* : b, bcmw, *n* :
6	Ci. : A-Cu. : St-Cu.	A-St. : Nb. : St-Cu.	St-Cu. : Fr-Cu.	4	10	10	10	9	9	$\equiv^0$⌓	...	...	$\bullet$*p*	...	$\equiv^0$	bcmw to orp, *a* : op, o, *p* : om, ow *n* :
7	A-St. : St. : St-Cu.	Ci-St. : A-Cu. : Cu.	Cu.	9	8	8	7	2	2	⌓ ⌓	...	...0	...	...	...	ow to cz, *a* : bcy, by, *p* : b, bw, to orp, *n*:
8	St-Cu.	A-St. : Cu.	Ci. : Ci-Cu. : Cu.	9	8	10	9	6	9	...	...	...	...	...	⌓	oc, *a* : o to bc, *p* : ow, cw, orp, *n* :
9	A-St. : St-Cu. : Nb.	A-St.:St-Cu.:Fr-Nb.	A-St.:A-Cu.:Fr-Nb.	10	8	10	—	10	10	$\bullet^0$*p*	...	$\bullet^0$*p*	—	...	$\bullet^0$	orp, o, *a* & *p* : or, o, *n* :
10	A-St. : St-Cu.	A-St. : Nb. : Fr-Nb.	A-Cu. : St. : Nb.	9	10	10	10	9	2	$\equiv^0$	...	$\bullet^0$	$\bullet^0$	$\bullet^0$*p*	$\equiv^0$	om, or, *a* : or, orp, *p* : op to bm, bcm, *n*:
11	St-Cu. : Cu.	A-St.:A-Cu.:Cu-Nb.	A-St. : A-Cu. : Nb.	6	9	8	4	9	1	$\equiv^0$	...	...	...	$\bullet$	$\equiv^0$	otlr, c, *a*:bc, u, cr, *p*:or to bm, *n*: ⌒ 18 h:
12	A-Cu. : St-Cu.	Nb. : St.-Cu	St-Cu. : Fr-St.	2	10	10	10	10	10	⌓	...	$\bullet^0$	...	...	$\bullet^0$	bw to or, o, *a* : or, orp, o, *p* : or, o, *n* :
13	A-St. : Nb. : Fr-St.	St-Cu.	St. : St-Cu.	10	10	10	10	10	1	⌓ $\bullet$	$\bullet^0$	...	...	...	⌓ $\equiv^0$	or, o, *a* : od^{0}o, *p* : o to ofw, *n* :
14	St.	St-Cu. : Cu.	A-Cu. : Cu.	10	9	9	8	5	10	$\equiv$⌓	$\equiv^0$⌓	...	...	...	...	ofw, c, bc, to o, *a* : c, bc, *p* : o to b, *n* :
15	Ci-St.	Ci. : Cu.	Ci.	1	1	7	6	3	1	...	...	...	...	...	⌓	b, bc, cy, *a* : bcy, by, *p* : bw, *n* :
16	—	Ci-St.	—	0	0	1	—	0	0	$\equiv^0$⌓	$\equiv^0$⌓	...	—	...	⌓	bmw, by, *a* : by, *p* : bmw, *n* :
17	A-St.	Ci.	Ci. : Ci-St. : Cu.	1	0	1	3	5	0	$\equiv^0$⌓	$\equiv^0$⌓	...	...	...	⌓	bmw, by, *a* : by, bcy, *p*: bw to, omw, *n* :
18	A-St. : St.	A-St.	St.	10	10	10	8	10	10	$\equiv^0$⌓	$\equiv^0$	∞^0	∞^0	∞^0	∞^0	omw, oz *a* : oz, cz, *p* : oz, *n* :
19	St.	St.	St.	10	10	10	10	10	10	∞^0	$\equiv^0$	$\bullet^0\equiv$	$\equiv^0$	$\equiv^0$	$\equiv^0$	oz, odm, *a* : om, odm, *p* : om, o, *n* :
20	St. : St-Cu.	St.	A-St. : A-Cu. : St-Cu.	9	10	10	7	8	7	$\equiv^0$	∞^0	∞^0	∞^0	...	$\bullet^0$	om, oz, *a* : oz to bc, c, *p* : crp to b to omrp, *n* :
21	A-St. : Fr-Nb. : Cu.	A-Cu. : Cu.	St-Cu. : Fr-Cu.	10	10	9	9	7	4	$\equiv^0$ $\bullet$*p*	$\equiv^0$	...	...	...	⌓^{0}	omrp, o, *a* : oc, *p* : bc, c, cw, *n* :
22	A-Cu. : A-St. : St-Cu.	A-St. : Nb. : Cu-Nb.	Ci. : A-Cu. : Cu-Nb.	7	7	9	9	7	4	$\equiv^0$	$\bullet$*p*^{0}	...	$\bullet^0$	...	...	crp, *a* : or, c, *p* : ⌒ 15h 35m, c, bc, cm, omw, *n* :
23	St.	A-St. : St-Cu.	A-Cu. : St-Cu. : Nb.	10	9	10	—	8	10	$\equiv^0$⌓	$\equiv^0$	...	—	$\bullet$*p*	*u*	cm, bc, to o, *a* : o, crp, *p* : ou, or, *n* :
24	Nb	A-St. : Cu. : St-Cu.	A-Cu. : Cu-Nb. : St.	10	10	9	9	8	9	$\equiv^0$ $\bullet$	$\equiv^0$ $\bullet$	...	...	...	...	$\bullet$ ceased 9h 5m, $\bullet$p^0 15h 5m, o to b to om, *n* :
25	St-Cu. : Fr-St.	St-Cu.	St-Cu.	9	9	10	10	10	2	$\equiv^0$	$\equiv^0$	$\equiv^0$	$\equiv^0$	$\equiv^0$	$\equiv^0$⌓^{0}	om, *a* & *p* : om to bfw, *n* :
26	St-Cu. : St.	A-St. : St-Cu.	St-Cu.	3	1	10	10	10	10	$\equiv^0$⌓	$\equiv^0$⌓	...	...	...	⌓	bfw to o, *a* : o, c, o, *p* : ow, orm *n* :,
27	Nb.	St-Cu.	Ci. : A-St. : A-Cu.	10	10	9	7	9	8	$\equiv^0$ $\bullet$	$\equiv^0$	...	⊕	...	Ш	orm, c, bc, to o, *a* : o, c, o, *p* : omw, *n* :
28	A-Cu : St-Cu.	A-Cu. : Cu.	Ci. : Cu.	7	6	5	7	2	1	$\equiv^0$⌓	...	...	...	...	...	omw to bc *a*, : bc, c, by, *p* : by to ow, *n* :
29	St. : St-Cu.	Ci-Cu. : Cu.	Ci. : A-Cu. : St-Cu.	9	9	6	7	7	0	⌓	...	...	...	...	...	cw, o, c, bc, *a* : bc, cy, p : bc, b, bcw, *n*:
30	A-St. : A-Cu.	Ci-St.:A-Cu.:St-Cu.	A-Cu. : St-Cu.	5	8	9	—	7	9	⌓	⊕	⊕	—	...	⌓Ш	bcw, cy, *a* : bcy, c, *p* : c, omw, *n* :
31	St.	Cu. : St-Cu.	—	10	10	6	5	0	0	$\equiv^0$⌓^{0}	$\equiv^0$⌓	...	...	...	⌓^{0}	omw, to bc, *a* : bc, b, *p* : b to ow, *n*:
Mean Cloud Am'nt.				7·6	7·9	8·3	8·1†	7·0	5·4							

Day. | 7h | 13h | 18h | 7h | 9h | 13h | 15h | 18h | 21h | 7h | 9h | 13h | 15h | 18h | 21h | Remarks.
Cloud Forms. | Cloud Amount (All Forms). | Weather.

* Mean for 27 days only. † Mean for 26 days only.

482. Richmond (Kew Obs.). **September, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St-Cu. : Nb.	A-St. : Nb. : St-Cu.	10	10	10	10	10	8	⌓	●^{0}	●^{0}	...	●	...	od^0, *a* : od, o, orm, *p* : odm, to bmw, *n* :
2	A-St. : A-Cu.	Ci. : Cu. : St-Cu.	A-Cu. : Cu.	1	1	8	8	5	9	≡^{0}⌓	⌓	...	...	...	...	bmw to c, *a* : cy, bc, *p* : ⊕ 15h 5m : bc to o, *n* :
3	A-St. : St-Cu. : Nb.	A-Cu. : Cu. : St-Cu.	Cu.	9	8	6	4	<1	0	...	...	...	...	...	...	or to bc, *a* : bcy, *p* : b to omw, *n* :
4	Ci-St. : A-St. : St-Cu.	A-Cu. : St-Cu. : Nb.	St-Cu. : Cu.	9	10	9	5	4	0	≡^{0}⌓	≡^{0}⌓	...	...	...	≡^{0}⌓	omw, bc and o *a* : ⌢ 14h 55m : ● p 15h 40m—55m : bmw, *n* :
5	St-Cu. : St.	A-St. : Nb. : St-Cu.	A-St. : Nb. : St-Cu.	4	7	10	10	10	4	≡^{0}⌓	...	●^{0}	●	...	...	bcmw, to or, *a* : or m, *p* : or, c, bc, to o, *n* :
6	St.	Cu-Nb. : St. : St-Cu.	St-Cu. : Cu.	9	6	9	—	5	8	...	...	●^{0}*p*	—	...	...	bc to orp, *a* : bc, bcm, *p* : b to omw, *n* :
7	St-Cu.	St-Cu. : Fr-Cu.	Fr-Cu. : St-Cu.	9	9	9	9	10	10	≡^{0}⌓	⌓	...	...	...	...	omw, o, *a* : oc, o, *p* : o, orm, *n* :
8	A-St. : Nb. : St-Cu.	Nb. : St-Cu. : M-Cu.	Ci-Cu. : A-Cu. : St-Cu.	10	7	9	8	5	1	≡^{0}●	...	...	...	...	...	orm^{0}cm^{0}o, *a* : op, c, bc, z, *p* : b to orm^0, *n* :
9	A-St. : Fr-Nb.	A-St. : Nb.	Fr-Cu. : St-Cu.	10	10	10	9	4	8	≡^{0}●	≡^{0}●^{0}	≡^{0}●^{0}	●^{0}	...	...	orm, *a* : orm to bc, *p* : orpq to c, bc, b, *n* : ⌢ 16h 40m :
10	A-Cu. : Cu. : St-Cu.	A-St. : St-Cu. : Cu.	A-Cu. : A-St.	3	10	7	9	4	5	...	...	...	...	...	...	b to o, *a* : c, bcz, *p* : bcz, or, om, *n* :
11	St.	A-Cu. : Cu-Nb.	A-Cu. : St-Cu. : Fr-Cu.	10	9	8	9	5	1	≡^{0}	≡^{0}	●^{0}*p*	≡^{0}	≡^{0}	...	om, crp, *a* : omrp, c, bcm, *p* : b & bmw, *n* :
12	...	Cu. : Fr-Cu.	Ci : A-Cu. : Nb. : Fr-Cu	0	1	6	6	4	1	≡^{0}⌓	≡^{0}⌓	...	...	≡^{0}	⌓	bmw, bcy, *a* : bcy, bcm, *p* : bw to of w, *n* :
13	St.	Cu. : Fr-Cu.	Ci-St. : Cu.	10	3	4	—	2	0	≡⌓⌓	≡⌓⌓	...	—	...	≡^{0}⌓⌓	≡ clearing at 9h bcy, byz, *p* : bfw, *n* :
14	A-Cu. : St-Cu.	Cu.	Ci. : St-Cu.	3	0	4	4	2	0	≡⌓⌓	≡^{0}⌓⌓	...	...	...	≡^{0}⌓⌓	bfw to bc, *a* : bc, b, *p* : bmw, bfw, *n* :
15	Ci-St. : Ci.	Ci-St. : Ci.	Ci. : Ci-St.	4	1	1	1	4	2	≡⌓⌓	⌓⌓	...	...	...	...	bfw to by, *a* : by, bc, *p* : b to om, *n* :
16	Ci-St. : A-Cu. : -A-St.	Nb.	St-Cu. : Nb.	10	4	10	9	9	2	≡^{0}	≡^{0}	≡^{0}●	≡^{0}	≡^{0}	...	bcm, op, orm, *a* : orm, om, *p* : b to cmw, *n* :
17	A-Cu. : St-Cu. : St.	A-St. : A-Cu. : Cu.	A-St. :-A-Cu. : St-Cu.	8	1	9	9	9	10	≡^{0}⌓	≡^{0}⌓	...	...	...	...	omw, bmw, to oy, *a* : oy, o. *p* : o, or to bmw, *n* :
18	Ci-St. : Ci-Cu. : A-Cu.	Ci. : A-Cu. : Cu.	Ci. : Ci-St.	3	2	4	8	9	2	≡^{0}⌓	⌓	...	...	...	≡^{0}	bmw, bcy, *a* : bcy, to o, *p* : bm to, omw, *n* :
19	A-St. : St-Cu.	Nb.	Nb. : St-Cu.	10	10	10	10	9	0	≡^{0}⌓	≡^{0}●	≡^{0}●	≡^{0}●	≡^{0}	...	omw, orm, *a* : orm, q, om, *p* : om to b, & bc, *n* :
20	CiCi-St : St-Cu Fr-Cu	Nb.	A-St. : A-Cu. : St. : Nb.	6	7	10	—	9	10	...	...	≡^{0}●	—	≡^{0}●	●	bc, orm, *a* : orm, *p* : or, o, cw, *n* :
21	Ci-St. : Ci. : A-St. : Cu. : Fr-Cu.	A-St. : Nb. : St-Cu.	Fr-Cu. : Nb.	7	8	10	8	3	1	⌓	...	...	...	...	...	ꓘ 12h 25m : or, ct, p, bc, *p* : ⌢ 13h 32m : b to om, n :
22	A-St. : St. : Fr-Nb.	Nb.	Ci. : Ci-St. : Fr-St.	10	10	10	10	5	7	≡^{0}	≡^{0} ●^{0}	≡^{0} ●^{0}	...	...	...	om, omr, *a* : om, or to bc, *p* : c, or p, om, *n* :
23	St-Cu.	A-St. : St-Cu.	Ci-Cu. : A-Cu. : Nb. St-Cu.	10	9	10	8	8	<1	≡^{0}	...	...	...	⌓	...	om, o, *a* : o, orp, c, w, c *p* : c to b, to cmw, *n* :
24	C. : A-Cu. : St-Cu. : St.	Cu. : Cu-Nb.	St-Cu.	7	7	6	7	9	1	≡^{0}⌓	⌓	...	...	≡^{0}	≡^{0}⌓	cmw, bc, *a* : bc, orp, om, *p* : om to bmw, & to cwm, *n* :
25	A-Cu. : St-Cu.	Ci. : A-Cu. : Cu.	A-St. : St-Cu. : Fr-Cu.	7	7	6	10	10	10	≡^{0}⌓	≡^{0}⌓	...	...	≡° ●^{0}	≡° ●^{0}	cwm, bcy, *a* : bcy to orm, *p* : orm o, *n* :
26	St-Cu. : Fr-Cu.	Cu.	St-Cu.	9	3	8	7	6	1	...	...	()	...	...	⌓	o to bc, cvy, *a* : cp, c, *p* : bc, bw, bcw, *n* :
27	A-Cu. : St-Cu.	Cu. : Fr-Cu.	Ci-Cu. : A-Cu. : A-St.	4	4	7	—	5	2	⌓	≡^{0}	...	—	≡^{0}	≡^{0}⌓	bcw, bcm, cy, *a* : bc, om to bcm, *p* : bmw to omw, *n* :
28	A-St. : A-Cu. : St.	A-St. : Fr-Cu.	St.	10	10	10	10	10	10	≡^{0}⌓	≡^{0}⌓	∞	...	≡^{0}	≡^{0}	omw, oz, *a* : o, om, *p* : omd, om, or, om, *n* :
29	St.	St.	A-St. : St.	10	10	10	10	10	10	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡	≡^{0}	omd, om, *a* : om, d, om, of, *p* : om, ofw, *n* :
30	St-Cu. : St.	A-St. : St-Cu.	St-Cu.	10	3	10	9	9	10	≡⌓	≡^{0}⌓	...	≡^{0}	≡^{0}	≡^{0}⌓	ofw to bmw, to o, *a* : c, om, *p* : omw of w, *n* :
Mean Cloud Am'nt.				7·4	6·2	8·0	*8·0	6·5	4·5							

483. Richmond (Kew Obs.). **October, 1925.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	Cu. : St.	St. : St-Cu.	10	10	4	9	10	10	≡⌓	≡^{0}⌓	∞	∞	≡	≡	ofw to bcz, *a* : cz, oz, om, *p* : om, omw, *n* :
2	St.	St.	St.	10	10	10	10	10	10	≡^{0}⌓⌓	≡^{0}⌓⌓	≡^{0}	≡^{0}	≡^{0}	≡^{0}	omw, om, *a* : om, *p* : om, ofw, *n* :
3	St.	Ci.	Ci.	10	10	1	1	2	8	≡⌓⌓⌓	≡^{0}⌓⌓	∞^{0}	∞^{0}	≡^{0}	≡^{0}⌓	ofw to bz, *a* : bz, bm, *p* : cmw, omw, *n* :
4	St-Cu.	St. : Fr-St. : St-Cu.	St.	9	10	10	—	10	10	≡^{0}⌓⌓	≡^{0}	●^{0}≡	—	≡^{0}	≡^{0}	ow, od, m^0, *a* : od, om, *p* : om to bm w, *n* :
5	A-Cu.	A-Cu.	...	2	3	2	0	0	0	≡^{0}⌓⌓	≡^{0}⌓	∞^{0}	∞^{0}	≡^{0}	≡^{0}⌓	≡ *early* : bz, bm, *a* & *p* : bf to ofw, *n* :
6	St.	A-Cu.	St-Cu.	10	10	1	1	9	10	≡⌓⌓	≡⌓	∞⌓	∞	≡⌓	≡⌓	ofewtobzw, *a* : bzto of w, *p* : ofw, of ew, *n* :
7	St.	A-Cu. : Cu.	St-Cu. : St.	10	10	9	10	10	10	≡⌓⌓	≡⌓	∞⌓	≡^{0}	≡^{0}	≡^{0}●^{0}	ofew to owz, *a* : omd, om, *p* : omr, to b, *n* :
8	Ci-St. : Ci. : St-Cu.	Ci. : Cu.	A-Cu. : A-St.	2	9	6	8	2	0	...	...	...	...	≡^{0}	≡^{0}	b to o, to bc, *a* : cm to bm, *p* : bm, bmx, *n* :
9	St-Cu.	Cu.	St-Cu.	1	0	5	5	2	0	≡^{0}⊔	≡^{0}⌓	∞^{0}	...	≡^{0}	≡^{0}	bmx, bczy, *a* : bc, bm, *p* : bm, to omw, *n* :
10	St-Cu. : St.	—	...	9	8	0	0	0	0	≡^{0}⌓⌓	≡^{0}⌓⌓	∞⌓⌓	≡⌓	≡⌓	≡⌓	omw to bzw, *a* : bfw, *p* & *n* :
11	St.	St. : Fr-St. : Fr-Cu.	St-Cu. : St. : Fr-Cu.	10	10	7	—	9	0	≡⌓⌓	≡⌓⌓	≡⌓⌓	—	≡^{0}	≡⌓⌓	ofw, cfw, *a* : cf, om, *p* : bfw to ofw, *n* :
12	St.	St.	St.	10	10	10	9	10	10	≡:⌓⌓	≡^{0}⌓⌓	∞	∞	≡^{0}	≡^{0}⌓⌓	ofew to oz, *a* : oz, om, *p* : omw to orm, *n* :
13	Nb. : Fr-Nb.	A-St. : St-Cu.	A-St. : St.	10	10	10	10	10	10	●^{0}≡^{0}	●^{0}≡^{0}	...	...	...	≡^{0}	orm, c, o, *a* : o, orm, o, *p* : orm, om to bmx, *n* :
14	Ci. : Ci-St.	Ci. : A-Cu.	Ci-St. : A-Cu.	2	1	5	8	9	1	≡^{0}⊔	⌓	...	∞^{0}	∞	≡^{0}	bmx, to bcy, *a* : cyz, oz, *p* : bm, to cmx, *n* :
15	Ci. : Ci-Cu. : A-Cu.	Ci. : A-Cu. : Cu.	A-Cu. : St-Cul : St.	7	1	4	7	9	9	≡^{0}⊔	≡^{0}⌓⌓	...	∞^{0}	≡^{0}	≡^{0}	cmx to bcy, *a* : bcy, z, to om, *p* : om,
16	Nb. : Fr-Nb.	Nb.	St.	10	10	10	10	10	10	●≡^{0}	●^{0}≡	●^{0}≡^{0}	●≡	≡	≡	orm, orf, *a* : orf, of, *p* : of, *n* : [orm, *n* :
17	St.	Ci-Cu. : A-Cu. : Fr-St. : St-Cu.	Ci. : St-Cu.	10	10	8	8	7	9	≡	≡^{0}	...	...	...	...	of to cz, *a* : cz, c, *p* : o, *n* :
18	A-St. : St.	Ci-Cu. : A-Cu. : St-Cu. : Fr-Cu.	A-St. : St-Cu. : St.	10	10	7	—	10	4	...	●≡^{0}	≡^{0}	—	≡^{0}	≡^{0}⌓	o, od, orm, *a* : cm, om, *p* : bcmw, bmw, cfw, *n* :
19	Ci. : A-Cu. : St-Cu.	St.	Nb.	7	9	10	10	10	10	≡⌓	≡⌓	≡^{0}⌓	≡^{0}●^{0}	≡●	≡^{0}●	ofw, omw, *a* : omd, orm, *p* : orm, n :
20	Nb.	Nb.	Nb.	10	10	10	10	10	10	●≡^{0}	●^{0}≡	●≡^{0}	≡^{0}	●^{0}≡^{0}	...	orm, odf, orm, *a* : om, omd, *p* : o, or *n* :
21	Nb. : St-Cu.	A-St. : St.	Nb.	10	10	10	10	10	10	●	≡^{0}	...	●	...	●^{0}	or, om, o, *a* : or, o, *p* : or, orm, *n* :
22	A-St. : Cu-Nb. : Nb.	A-St. : A-Cu.-Fr-Nb.	Nb.	10	10	9	10	10	9	●≡^{0}	≡^{0}	●^{0}*p*	●	●	●	orm, op, *a* : or, orq, *p* : or, o, *n* :
23	A-St. : A-Cu. : St-Cu : Fr-St.	Ci-St. : A-St. : St. : Fr.-St.	A-Cu. : St-Cu.	9	9	9	9	4	2	...	...	...	●^{0}*p*	≡^{0}	...	o, c, o, *a* : op, to bcm, *p* : b to bcm *n* :
24	Ci. : Ci-Cu. : St-Cu.	A-St. : Cu. : Fr-Cu.	Cu-Nb. : Nb. : Fr-Nb.	5	3	5	4	5	3	≡^{0}⌓	≡^{0}⌓	...	...	≡^{0}	≡^{0}	bcmw to bc, *a* : bc, op, bcm, *p* : bcmtofw, *n* :
25	A-Cu. : Cu. : St-Cu.	Cu. : Fr-Cu.	Ci.	3	0	3	—	1	2	≡⌓	≡⌓	≡^{0}	—	≡^{0}⌓	≡^{0}⌓	bcfw, to bm, *a* : bm, bmw, *p* : bmw, to or and o, *n* :
26	A-St. : St. : Fr-St.	Nb.	A-St. : Nb.	10	10	10	10	10	9	...	●^{0}≡^{0}	●^{0}≡^{0}	●≡^{0}	≡^{0}	...	o, orm, *a* : orm, *p* : om, r, o, c, *n* :
27	Ci-Cu. : Ci : A-Cu. : St-Cu.	Ci. : Fr-Cu.	Ci. : Ci-St. : St-Cu.	7	3	7	9	9	10	...	...	...	...	≡^{0}	≡^{0}	b, bc, c, *a* : c, o, *p* : ⌢ 15h 10m : o to bmw, *n* :
28	...	Ci. : St-Cu.	Ci-St. : A-Cu.	0	1	5	8	7	7	≡^{0}⌓	≡^{0}⌓	...	...	≡^{0}	...	bmw, bc, *a* : bc, c, cm, *p* : ⊕ 14h : c to ou, *n* :
29	Ci-St. : St-Cu. : Fr. Nb	Ci. : St-Cu.	A-St. : St-Cu.	10	10	9	10	10	8	...	...	...	...	...	≡^{0}	ou, o, *a* : o, *p* : cm, om, omw, *n* : Ⓣ 20h 45m :
30	St-Cu. : St.	...	Cu.	9	9	0	1	1	1	≡^{0}⌓	≡^{0}	...	...	≡^{0}	≡^{0}⌓	omw, om, to b, *a* : b, bm, *p* : bmw, opm, *n* :
31	A-St. : St-Cu. : Nb.	St.	St-Cu. : St.	9	10	10	9	9	7	●*p* ≡^{0}	≡	≡^{0}	≡^{0}	≡	≡	opm, of, om, *a* : om, ● p, 15h 50m, of *p* : cf, ●mw, *n* :
Mean Cloud Am'nt.				7·8	7·6	6·6	†7·3	7·3	6·4							
Day.	7h	13h	18h	7h	9h	13h	15h	18h	21h	7h	9h	13h	15h	18h	21h	Remarks.
	Cloud Forms.			Cloud Amount (All Forms).						Weather.						

* Mean for 26 days only. † Mean for 27 days only.

484. Richmond (Kew Obs.). **November, 1925.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu. : St.	St-Cu.	A-St.: A-Cu.: St-Cu.	9	6	9	—	9	10	≡^{0}ᑭ	≡^{0}ᑭ	…	—	…	●	cmw, o, *a* : o, *p* : or to b, *n* :
2	Ci-St.	Cu.	Fr-Cu.	1	0	4	3	1	10	…	≡^{0}	…	…	…	…	bm, bc, *a* : bc, b, *p* : b to orm, *n* :
3	Fr-Nb.	Nb.	A-St. : Nb.	10	10	10	9	9	2	●^{0}≡^{0}	●^{0}	●^{0}	●^{0}	●^{0}	…	or, *a & p* : or to b & bw, *n* :
4	Ci.	Ci. : Ci-Cu. : Cu.	A-St. : Nb.	1	6	4	6	9	0	ᑭ	ᑭ	…	…	●^{0}	≡^{0}	bw, bcw, bc, *a* : bc, b to or, *p* : cp, bm to cmw, *n* :
5	A-Cu.:A-St.:St-Cu. St.	St.	Ci-St. : St-Cu.	8	10	10	9	6	4	ᑭ	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	●^{0} 9h. 5m. : ● 11h. 25m. : ⊕ 14h. 50m bcm, cmw, *n* : [or & odm, *n* :
6	Ci-St. : St-Cu.	Cu.	…	8	3	4	4	0	10	≡^{0}ᑭ	≡^{0}ᑭ	…	…	≡^{0}	≡^{0}ᑭ	cmw to bmw, bc *a* : bc, bm, *p* : bm to
7	Nb.	Ci-St. : Nb. : Cu.	A-St. : Nb.	10	9	9	10	10	2	●^{0}≡^{0}	≡^{0}	≡^{0}	●^{0}≡^{0}	●≡^{0}	≡^{0}	odm, bc, om, *a* : orm, *p* : orm to bm to o, *n* : [bmx, *n* :
8	A-Cu. : St-Cu.	St-Cu. : Cu-Nb.	St-Cu.	10	5	10	—	10	5	…	≡^{0}	≡^{0}●^{0}p	—	…	…	o, c, bcm to ompq, *a* : op, o, *p* : o to
9	…	Ci. : Ci-Cu. : Cu.	…	0	0	3	2	0	0	≡^{0}⌴	≡^{0}ᑭ	…	≡^{0}	≡^{0}	≡^{0}⌴	bmw, b, *a* : ⊕ 13h. 30m. : bm, *p*, bmx to omr, *n* :
10	St. : Nb.	Nb.	…	10	10	10	4	0	10	≡^{0}●^{0}	≡	≡^{0}	≡^{0}	≡^{0}⌴	≡^{0}⌴	✲ *early a* : ofrso, *a* : omr to bmx, *p* : ox *n* : [bmx, *n* :
11	Nb. : St. : Fr-St.	St. : St-Cu.	A-Cu.	10	5	10	10	10	7	…	…	≡^{0}	●^{0}≡^{0}	≡^{0}	≡^{0}	bc to orq, *a* : omq, r to bcm, *p* : bm:
12	…	Cu.	…	0	0	2	5	0	0	≡^{0}⌴	≡⌴	∞	∞	≡^{0}●	≡^{0}⌴	bmx,bf,bz,*a* : bcz,bm,*p* : bmx to omx*n*:
13	St-Cu.	St-Cu.	…	10	9	9	10	0	0	≡^{0}⌴	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}⌴	omx, om, *a* : om to bm,*p* : bmx, bfx,*n* :
14	St.	A-Cu. : St.	St.	10	10	9	9	10	8	≡⌴	≡⌴	≡ᑭ	≡ᑭ	≡ᑭ	≡^{0}ᑭ	bfx to ofw, *a* : ofw, *p* : cmw, cmx, *n* :
15	Ci. : A-Cu. : St-Cu.	Ci. : Fr-Cu.	…	7	1	1	—	0	10	≡^{0}⌴	≡⌴	≡^{0}	—	≡⌴	≡^{0}ᑭ	cfx to bm, *a* : bm, bfx, *p* : owm, omx,*n*:
16	A-St. : St-Cu.	St-Cu.	St.	9	10	10	7	5	0	≡^{0}⌴	≡⌴	≡^{0}	≡^{0}	≡^{0}	≡^{0}	ofx, om, *a* : cm, bcm, *p* : bm, bcmw, *n* :
17	St-Cu.	Ci. : Ci-Cu.	Ci.	4	8	8	6	5	4	≡^{0}ᑭ	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	bcmw, cm, *a* : bcm, *p* : bmw, *n* :
18	…	…	St.	0	4	0	1	10	10	≡^{0}ᑭ	ᑭ≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	bmw, bm, *a* : bm to om, *p* om, *n* :
19	St-Cu. : St.	St-Cu.	…	10	8	7	2	0	1	≡^{0}ᑭ	≡^{0}	≡^{0}	≡^{0}	≡	≡^{0}ᑭ	om, cm, *a* : bcm, bf, *p* : bmw to omw,*n*:
20	St.	St.	St.	10	10	10	10	9	10	≡^{0}ᑭ	≡^{0}ᑭ	≡^{0}	≡^{0}	≡^{0}	≡^{0}	omw, om, *a* : om, *p & n* :
21	St.	A-Cu. : St.	St.	10	8	9	8	10	10	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	cm, om, *a & p* : om to ofw, *n* :
22	St.	St.	St.	9	9	10	—	10	10	≡ᑭ	≡^{0}	≡^{0}	—	≡^{0}	≡^{0}	ofw, om, *a* : of, om, *p* : om, *n* :
23	St.	St-Cu.	St-Cu.	10	10	10	9	9	9	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	of, om, *a* : om, *p* : om to bmx, *n* :
24	St.	Ci. : Ci-St.	A-St. : St-Cu.	2	9	6	9	10	10	≡^{0}⌴	≡^{0}⌴	≡^{0}	≡^{0}	≡^{0}	≡^{0}	bmx to omx to bcm, *a* : cm, om, *p* : om, omr, *n* :
25	Nb.	Fr-Cu.	Fr-Cu.	10	5	1	7	1	0	≡^{0}●	…	…	…	…	…	▲ 7h. 12m. to 7h. 16m. : (gust) 7h. 10m. : bc, cqs, *p* : b, bxm, *n* :
26	St.	…	…	1	1	0	3	0	3	≡^{0}⌴	≡⌴	≡^{0}	≡^{0}	≡⌴	≡⌴	bfx, bm, *a* : bm, bfx, *p* : bfx to omx, *n* :
27	A-Cu. : St-Cu.	St-Cu.	…	9	9	4	6	0	0	≡^{0}⌴	≡^{0}⌴	≡^{0}	≡^{0}	≡^{0}	…	omx, s, bcm, *a* : bm, *p* : b, bm, *n* : ⊠ at 13h.
28	…	Ci.	…	0	0	2	<1	0	0	≡^{0}	≡^{0}	∞^{0}	…^{0}	∞^{0}	≡^{0}	⊠ *all day*, bm, bz, *a & p* : bm, *n* :
29	Ci.	Ci-St.	A-Cu. : St. : St-Cu.	1	<1	6	—	8	10	≡^{0}	…	…	—	≡^{0}	≡^{0}✲	⊠ *all day*, bm, bcm, *a* : bcf, cm, *p* : oms, omr to bm, *n* :
30	St-Cu.	Ci-St. : Ci. : Cu.	Ci-St. : A-Cu.	1	1	8	8	7	2	≡^{0}	≡^{0}∼	…	≡^{0}	≡^{0}	≡^{0}⌴	bmx, ∼, c, *a* : cm, *p* : ✱ 22h. 10m.
Mean Cloud Am'nt				6·3	5·9	6·5	*6·3	5·3	5·2							

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Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.-Cu.: St.	Fr-Cu.	St-Cu.	8	9	1	8	8	10	≡^{0}	≡^{0}	∞^{0}	∞^{0}	∞^{0}	≡^{0}	om to bz^0 *a* : bz to cz, *p* : Ш 19h. : om to bfx, *n* :
2	…	A-Cu.	…	0	0	2	0	0	0	≡⌴	≡⌴	≡^{0}	≡^{0}	≡	≡^{0}⌴	bfx, bm, *a* : bm, bf, *p* : bmx to omx, *n* :
3	St: : Fr-St.	St.	St.	9	10	9	0	10	10	≡^{0}⌴	≡⌴	≡^{0}	≡	≡⌴	≡⌴	ofx, om, *a* : om to bf to ofx, *p* : ofx, *n* :
4	St.	St.	St.	10	10	10	10	10	10	≡⌴	≡⌴	≡⌴	≡⌴	≡⌴	≡⁝	ofx, ∼, *a* : ofx, *p* : ofe to bmx, *n* :
5	…	Ci.	…	0	0	7	0	0	0	≡^{0}⌴	≡⌴	≡^{0}⌴	≡^{0}⌴	≡⌴	≡^{0}⌴	V ⌴ mf, *a* : bmx, *p* : bmx, bfx, *n* :
6	…	…	…	0	0	0	—	0	0	≡⌴	≡⌴	≡^{0}	—	≡^{0}	≡⌴	V ⌴ f, *a* : bm, bfx, *p* : bfx, bmx, *n* :
7	…	St.	A-Cu.	0	0	10	10	4	10	≡^{0}⌴	≡⌴	≡^{0}	≡^{0}	≡^{0}	…	bfx to om, *a* : om, bcm, *p* : pso, orm, *n* :
8	A-St.: Nb.: Fr-Nb.	Nb.	St. : Nb.	10	10	10	10	10	10	●^{0}≡^{0}	≡^{0}	●^{0}≡^{0}	●^{0}≡^{0}	≡^{0}	●≡^{0}	orm, om, *a & p* : orm, o to bm, *n* :
9	St-Cu.	Cu.	A-Cu.	<1	1	3	1	2	0	ᑭ≡^{0}	≡^{0}	…	…	…	…	bm, b, *a & p* : b to ow, *n* :
10	St-Cu.	Cu.	St-Cu.	9	<1	2	5	8	10	ᑭ	≡^{0}	…	∞	∞	≡^{0}	ow to b, *a* : bcz, cz, *p* : o to bcm, *n* :
11	A-Cu. : St.-Cu.	Cu.	…	5	8	1	2	0	5	≡^{0}⌴	≡^{0}	∞^{0}	∞^{0}	≡^{0}	…	om to bz, *a* : bz, bm, *p* : bcm, bmx, *n* :
12	…	St-Cu.	St.	0	0	9	9	9	2	≡^{0}⌴	≡^{0}⌴	≡^{0}	≡^{0}	≡^{0}	≡^{0}	bmx to om, *a* : omp, om, *p*:bm, cmx,*n*:
13	A-Cu. : St-Cu. : St.	Ci-St. : St.	Nb.	8	8	5	—	10	8	≡^{0}⌴	≡⌴	≡^{0}	—	≡^{0}✲	≡^{0}	⌴ V *a* : ✲ 17h. 40m. : ⊠ *n* :
14	St-Cu.	A-Cu. : St-Cu.	A-St.	9	6	6	7	2	0	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	om, bcm, *a* : bcm, bm, *p* : ✲ p, 18h. 45m. : bx, *n* :
15	A-Cu. : St-Cu.	A-Cu. : St-Cu.	A-Cu.	2	8	6	8	5	0	⌴	⌴≡^{0}	≡^{0}	≡^{0}	≡	≡⌴	bx, cm, *a* : cm, bcf, *p* : bfx, to of, *n* :
16	St. St:-Cu.	St.	St.	10	9	10	10	10	8	≡	≡	≡●^{0}	≡	≡^{0}	≡^{0}	✲ p, 11h. 45m. of, ofr, *a* : ofr, of, *p* : cm, om, *n* :
17	S. : St-Cu.	Ci. : A-St.	A-St.	10	9	8	7	7	8	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	om, cm, *a* : cm, *p* : bm to omr, *n* :
18	A-Cu. : Nb.	St-Cu.	A-Cu.	9	10	10	10	9	4	≡^{0}●^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	omr, om, *a* : om, *p* : bcm to om, *n* :
19	St-Cu. : St.	Ci. : A-Cu.	Nb.	9	10	7	10	10	10	≡^{0}	≡	≡^{0}	≡^{0}	≡^{0}●^{0}	≡^{0}●	⊕ 11h. 45m. : om, od, *p* : om, orm, *n* :
20	Nb.	Nb.	St.	10	10	10	—	10	10	●≡^{0}	≡^{0}	●≡	—	≡^{0}	≡^{0}	orm, ogrf, *a* : om, *p & n* :
21	St.	Nb.	St.	10	10	10	10	10	2	≡^{0}	≡	●≡^{0}	≡^{0}	≡^{0}	≡^{0}	of, orm, *a* : om, *p* : bmx to or, *n* :
22	Nb.	Nb.	St.	10	10	10	10	10	10	●	●≡	●≡^{0}	●≡	●^{0}≡	…	orgf, *a* : orgf, odf, *p* : or to b, *n* :
23	Ci-St.:A-St.:St-Cu.	Ci.	Ci.	3	1	7	7	6	10	…	≡^{0}⌴	∞^{0}	≡^{0}	≡^{0}⌴	…	bmx, cz, *a* : cm, bcmx, *p* : or, om to bcq, *n* :
24	Ci-St. : St-Cu.	Fr-Cu.	Ci-St. : Ci.	4	4	1	5	7	7	…	≡^{0}	∞^{0}	∞^{0}	≡^{0}	≡^{0}⌴	bcq to bz, *a* : bcz, cm, *p* : cmx, Ш odm, *n* :
25	Nb. : St.	St.	St.	10	10	10	—	10	10	●^{0}≡^{0}	≡^{0}	≡^{0}	—	≡^{0}	●^{0}≡^{0}	omd, om, *a* : of, om, *p* : orm, cm, *n* :
26	St-Cu.	Ci-St. : Ci. : Fr-Cu.	Ci-St.:A-Cu.:Fr-St.	7	10	9	9	9	10	≡^{0}	≡^{0}	≡^{0}⊕	≡^{0}	≡^{0}	●^{0}≡^{0}	cm, om, *a* : om, *p* : omr, o, *n* :
27	St-Cu.	Ci-St.:A-St.:St-Cu.	Ci-Cu.:A-St.:Nb.	9	9	9	—	9	7	…	≡^{0}	≡^{0}⊕	—	●≡^{0}	…	om, ⊕, *a* : om, cm, omr, *p* : or to b, Ш, *n* :
28	Ci.: St-Cu.	A-St. : Fr-Nb.	Nb.	2	8	10	10	10	10	…	●^{0}	●^{0}≡^{0}	●≡^{0}	●^{0}≡^{0}	…	crp, orm, *a* : orm, *p* : o, org, *n* :
29	Nb.	Nb.	A-St. : Nb.	10	10	10	10	10	10	●^{0}	●^{0}≡^{0}	●^{0}≡^{0}	●^{0}≡^{0}	●^{0} ·	●^{0}	ormq, *a* : ormq, odq, *p* : odq, or, *n* :
30	Nb.	Nb.	Fr-St.	10	10	10	9	2	3	●	●≡^{0}	●≡^{0}	…	…	…	orm, *a* : ▲ 12h. 20m. : ormq to bq, *p* : ⚡ ●^{2} 22h. 50m.–23h. 10m.
31	St. : Fr-Cu.	Nb. : St.-Cu.	Fr-Cu.	1	9	10	9	1	8	…	≡^{0}	●^{0}≡^{0}	≡^{0}	≡^{0}	…	b to orm, *a* : orm to bm, *p* : crp, cm,
Mean Cloud Am'nt				6·3	6·8	7·2	†6·9	6·7	6·5							
Mean Annu'l Cloud Am'nt				6·8	6·8	7·3	7·3	6·7	5·7							
	Cloud Forms.			Cloud Amount (All Forms).						Weather.						Remarks.

* Mean for 25 days only. † Mean for 27 days only.

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DAY.	JANUARY. Character.	JANUARY. Air-Earth Current $\times 10^{16}$ Amp/cm²	JANUARY. Ionic Charge per cc. $\times 10^{16}$ + Coulomb.	JANUARY. Ionic Charge − Coulomb.	FEBRUARY. Character.	FEBRUARY. Air-Earth Current $\times 10^{16}$ Amp/cm²	FEBRUARY. Ionic Charge + Coulomb.	FEBRUARY. Ionic Charge − Coulomb.	MARCH. Character.	MARCH. Air-Earth Current $\times 10^{16}$ Amp/cm²	MARCH. Ionic Charge + Coulomb.	MARCH. Ionic Charge − Coulomb.
1	1	..	..	..	0	..	..	..	2	..	..	..
2	2	..	..	..	0	..	0·23	..	0	..	..	..
3	0	..	..	..	0	0·27	..	0·18	0	0·96	0·25	..
4	1	..	..	..	0	0·99	0·36	..	1	1·24	..	0·18
5	0	0·56	..	..	0	0·24	..	..	0	..	0·18	..
6	0	0·17	..	..	2	1·02	0·36	..	0	..	..	..
7	0	1·40	..	..	0	..	..	..	1	..	..	..
8	1	0·34	..	..	1	..	..	..	1	..	..	..
9	1	0·86	..	..	1	0·64	..	0·65	0	..	..	..
10	?	..	..	..	0	..	..	..	0	..	..	..
11	?	..	..	..	?	..	..	..	1	..	0·32	..
12	0	..	..	..	1	..	0·54	..	0	..	..	0·47
13	0	..	..	..	2	..	..	..	1	..	0·31	..
14	0	..	..	..	2	..	..	..	1	..	..	..
15	1	..	..	..	1	..	..	..	0	..	..	..
16	0	..	..	..	1	0·28	..	0·13	0	..	..	..
17	0	..	..	..	1	..	0·25	..	0	..	0·23	..
18	0	..	..	..	1	0·41	..	0·05	0	..	..	0·23
19	1	..	..	..	1	..	..	..	1	..	0·20	..
20	0	..	..	0·14	0	0·82	..	..	1	..	..	0·09
21	0	..	0·34	..	0	..	..	..	1	..	..	..
22	0	..	..	0·34	1	..	..	..	1	..	..	..
23	1	..	0·20	..	2	..	..	..	0	..	0·38	..
24	1	..	..	..	2	..	..	..	2	..	..	0·27
25	1	..	..	..	2	..	..	..	1	..	0·34	..
26	0	..	..	..	2	..	..	..	0	..	0·54	..
27	1	..	..	..	1	..	0·47	..	0	..	..	0·07
28	2	0·66	..	..	1	..	..	..	1	..	..	..
29	1	..	..	..	..	..	..	..	0	..	..	..
30	0	..	..	0·34	..	..	..	..	0	..	0·29	..
31	1	..	..	..	..	..	..	..	0	1·10	..	..
Mean	0·55	0·67	0·27	0·27	0·93	0·58	0·37	0·25	0·52	1·10	0·30	0·22
No. of Days used.	29	6	2	3	28	8	6	4	31	3	10	6

DAY.	APRIL. Character.	APRIL. Air-Earth Current $\times 10^{16}$ Amp/cm²	APRIL. Ionic Charge per cc. $\times 10^{16}$ + Coulomb.	APRIL. Ionic Charge − Coulomb.	MAY. Character.	MAY. Air-Earth Current $\times 10^{16}$ Amp/cm²	MAY. Ionic Charge + Coulomb.	MAY. Ionic Charge − Coulomb.	JUNE. Character.	JUNE. Air-Earth Current $\times 10^{16}$ Amp/cm²	JUNE. Ionic Charge + Coulomb.	JUNE. Ionic Charge − Coulomb.
1	1	0·95	0·36	..	1	..	..	..	1	..	..	..
2	2	..	..	0·22	0	..	..	..	0	0·96	..	..
3	0	1·12	0·67	..	2	..	..	..	0	0·74	0·59	..
4	0	..	..	..	1	1·26	0·23	..	0	0·94	..	..
5	2	..	..	..	1	..	..	..	0	1·68	0·43	0·27
6	2	..	..	0·34	1	1·51	..	0·67	0	..	..	..
7	2	..	0·18	..	2	1·68	0·77	..	0	..	..	..
8	1	..	..	..	2	1·57	..	0·43	0	1·24	0·78	..
9	0	1·10	..	..	1	..	..	..	0	1·42	1·28	0·66
10	2	..	..	..	2	..	..	..	0	1·16	0·66	0·32
11	0	..	..	..	0	0·92	0·90	..	1	0·49	0·59	0·51
12	0	..	..	..	0	0·51	..	0·34	0	..	..	..
13	1	..	..	..	0	0·68	0·63	..	0	..	..	..
14	1	0·62	..	0·23	0	1·00	..	0·22	0	..	..	..
15	1	..	..	..	0	1·42	0·45	..	0	..	0·76	0·34
16	1	..	..	..	0	..	..	..	0	0·71	0·40	0·47
17	0	0·45	..	..	0	..	..	..	0	0·59	0·59	..
18	1	..	..	..	1	0·60	..	..	0	0·55	0·23	0·31
19	0	..	..	..	1	1·78	..	0·45	0	0·71	0·71	0·13
20	0	1·52	..	..	0	1·62	..	0·74	1	..	..	..
21	0	..	..	..	0	1·29	..	..	0	..	..	..
22	1	0·91	..	..	0	0·78	..	..	0	0·69	0·47	0·35
23	2	0·51	..	..	2	..	..	..	0	0·74	0·68	..
24	2	..	..	..	2	..	..	..	1	..	..	..
25	2	..	..	..	2	1·12	..	..	1	..	..	..
26	2	..	..	..	0	..	..	..	1	0·19	..	0·45
27	2	1·03	..	..	1	..	..	..	0	..	..	..
28	2	..	..	..	0	1·10	..	..	0	..	..	..
29	2	..	..	..	1	..	..	..	0	0·65	0·66	..
30	2	..	..	..	1	..	..	..	0	0·75	..	0·68
31	..	..	..	..	1	..	..	..	..	..	..	..
Mean	1·13	0·91	0·40	0·26	0·81	1·18	0·60	0·47	0·20	0·84	0·63	0·41
No. of Days used.	30	9	3	3	31	16	5	6	30	17	14	11

DAY.	JULY. Character.	JULY. Air-Earth Current $\times 10^{16}$ Amp/cm²	JULY. Ionic Charge per cc. $\times 10^{16}$ + Coulomb.	JULY. Ionic Charge − Coulomb.	AUGUST. Character.	AUGUST. Air-Earth Current $\times 10^{16}$ Amp/cm²	AUGUST. Ionic Charge + Coulomb.	AUGUST. Ionic Charge − Coulomb.	SEPTEMBER. Character.	SEPTEMBER. Air-Earth Current $\times 10^{16}$ Amp/cm²	SEPTEMBER. Ionic Charge + Coulomb.	SEPTEMBER. Ionic Charge − Coulomb.
1	0	1·77	0·76	..	1	..	..	..	0	..	..	..
2	1	1·80	0·85	..	0	..	..	..	0	0·46	..	0·73
3	1	..	..	..	0	..	..	..	1	0·50	0·43	..
4	1	..	..	..	0	..	..	..	1	..	..	..
5	0	..	..	0·57	0	0·40	0·50	..	1	..	..	..
6	0	..	..	..	1	..	..	..	1	..	..	..
7	1	0·97	0·50	..	0	..	..	..	0	0·63	0·87	..
8	0	1·14	..	0·47	1	..	..	..	1	..	..	0·40
9	0	0·26	0·68	..	1	..	..	..	1	..	..	..
10	0	0·65	..	0·45	1	..	..	..	1	0·52	0·38	..
11	0	..	..	..	1	1·34	1·20	..	2	..	..	..
12	0	..	..	..	0	..	..	..	0	..	..	..
13	1	1·01	0·31	..	1	..	..	..	1	..	..	..
14	0	0·85	..	0·57	0	0·86	..	0·47	0	1·14	..	0·43
15	0	0·63	0·76	..	1	..	..	..	0	1·17	0·90	..
16	0	0·86	..	0·57	1	..	..	..	1	..	..	..
17	0	0·87	..	..	0	0·55	0·52	..	0	1·15	..	0·47
18	0	..	..	..	0	0·77	..	0·45	1	0·88	0·78	..
19	1	..	..	..	0	0·43	0·45	..	2	..	..	..
20	1	0·58	..	0·43	1	0·26	..	0·38	2	..	..	..
21	1	1·09	0·66	..	1	1·90	..	1·29	1	2·48	..	0·80
22	2	1·25	..	0·87	1	..	..	..	2	..	..	..
23	2	..	..	..	0	..	..	..	1	0·70	0·59	..
24	1	1·19	..	0·35	2	..	..	0·40	1	0·93	..	0·68
25	0	..	..	..	0	0·55	0·45	..	0	0·74	0·40	..
26	1	..	..	..	0	0·95	..	0·47	1	..	..	..
27	2	..	..	..	1	0·41	0·95	..	0	..	..	..
28	0	0·36	..	0·71	0	0·99	..	0·99	0	0·64	..	0·43
29	0	..	..	..	0	..	..	..	0	0·38	0·33	..
30	0	..	..	..	0	..	..	..	0	0·87	..	0·38
31	1	..	..	..	0	0·88	0·71	..	..	..	..	..
Mean	0·55	0·95	0·65	0·55	0·48	0·79	0·68	0·64	0·73	0·88	0·59	0·54
No. of Days used.	31	16	7	9	31	13	7	7	30	15	8	8

DAY.	OCTOBER. Character.	OCTOBER. Air-Earth Current $\times 10^{16}$ Amp/cm²	OCTOBER. Ionic Charge per cc. $\times 10^{16}$ + Coulomb.	OCTOBER. Ionic Charge − Coulomb.	NOVEMBER. Character.	NOVEMBER. Air-Earth Current $\times 10^{16}$ Amp/cm²	NOVEMBER. Ionic Charge + Coulomb.	NOVEMBER. Ionic Charge − Coulomb.	DECEMBER. Character.	DECEMBER. Air-Earth Current $\times 10^{16}$ Amp/cm²	DECEMBER. Ionic Charge + Coulomb.	DECEMBER. Ionic Charge − Coulomb.
1	1	0·62	0·43	..	1	..	..	..	1	0·34	0·54	..
2	0	0·49	..	0·47	1	0·81	0·54	..	0	0·27	0·47	..
3	0	..	..	..	2	..	..	..	0	0·18	..	0·43
4	0	..	..	..	1	1·06	..	0·47	0	..	..	..
5	1	0·30	0·45	..	1	..	0·43	..	0	..	..	..
6	1	0·24	..	0·40	1	1·24	..	0·24	0	..	..	..
7	0	0·34	0·54	..	2	..	..	..	0	0·41	..	0·17
8	0	1·04	..	0·45	1	..	..	..	1	..	..	..
9	0	..	0·47	..	0	0·53	0·45	0·28	0	0·48	..	0·54
10	0	..	..	..	1	..	0·45	..	0	..	0·46	..
11	0	..	..	..	1	..	..	..	0	..	0·38	0·26
12	0	0·42	..	0·26	0	0·34	..	0·61	1	..	..	..
13	0	0·52	0·38	..	0	0·69	..	..	?	..	..	..
14	0	0·38	..	0·36	0	..	0·64	..	?	0·53	0·29	0·28
15	1	0·39	0·68	..	0	..	..	..	0	0·14	0·39	..
16	0	..	..	..	0	0·28	..	0·47	0	0·09	..	0·40
17	0	..	..	..	0	0·38	0·61	..	0	0·38	0·45	..
18	0	..	..	..	0	0·28	..	0·40	1	0·53	..	0·26
19	1	..	..	..	0	0·36	..	..	1	..	..	..
20	2	..	..	..	0	0·32	0·52	..	2	..	..	..
21	1	..	..	..	0	..	..	..	1	..	..	..
22	2	..	..	..	0	..	..	..	2	..	..	..
23	2	..	..	..	0	0·28	..	..	1	0·39	0·38	..
24	1	..	..	..	0	0·32	0·38	..	0	..	..	..
25	0	..	..	..	1	0·77	..	0·26	1	..	..	..
26	?	..	..	..	1	0·13	..	0·45	1	..	..	..
27	0	..	..	..	1	0·83	..	0·45	1	..	..	..
28	0	0·88	..	0·45	0	0·13	..	..	1	..	..	..
29	0	0·55	0·43	..	1	..	..	..	1	..	..	..
30	0	1·28	0·28	..	1	..	0·40	..	2	..	..	..
31	1	..	..	..	..	..	..	..	1	..	..	..
Mean	0·50	0·57	0·46	0·40	0·57	0·51	0·49	0·40	0·66	0·34	0·42	0·33
No. of Days used.	30	13	8	6	30	17	9	9	29	11	8	7

Annual Means :—Character (360d) 0·63 ; Air Earth Current (144d) 0·78 ; Ionic charges + (87d) 0·51 ; — (79d) 0·42.

Mean Values for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

487. Richmond (Kew Observatory). **1925.**

Day.	January. Factor 2·85				February. Factor 2·84				March. Factor 2·66			
	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.
1	130	540	195	−100	145	295	280	605	455	595	120	—
2	0	65	−35	−280	390	570	295	540	350	—	700	670
3	130	360	590	720	130	280	245	360	275	655	610	550
4	15	260	280	460	180	440	260	325	395	685	625	625
5	165	640	425	560	195	260	195	260	365	580	365	365
6	345	590	525	425	50	z−	390	605	120	365	230	305
7	460	510	560	510	260	460	260	785	200	365	245	505
8	460	490	475	425	0	325	165	145	170	215	z+	305
9	280	295	445	510	100	375	310	260	185	350	245	305
10	260	1065	—	—	280	325	180	260	275	395	215	580
11	—	—	1525	785	100	230	245	0	135	320	595	700
12	950	885	590	590	280	425	325	295	425	440	550	885
13	950	690	260	360	z−	−325	−735	640	640	440	200	120
14	245	295	180	150	z±	555	z±	670	120	520	260	−30
15	100	150	690	690	z−	460	260	260	75	290	275	700
16	—	640	410	525	390	440	360	570	290	365	245	320
17	230	360	330	510	—	440	375	620	215	395	305	490
18	280	490	395	295	215	390	345	720	440	475	610	670
19	330	245	375	395	310	720	310	570	245	655	580	335
20	375	410	475	410	230	570	375	620	245	395	215	535
21	195	310	395	445	475	640	750	525	275	425	z±	455
22	260	525	360	395	360	50	260	360	200	365	320	730
23	165	490	360	395	325	80	−750	720	290	535	230	520
24	245	590	310	460	705	720	z±	655	260	380	260	505
25	590	295	395	215	280	425	−310	345	365	365	1020	475
26	360	590	640	625	−245	310	−230	325	350	550	490	475
27	425	260	640	510	195	325	180	375	185	410	425	425
28	−805	445	180	310	130	325	310	670	305	535	245	595
29	310	395	150	150					245	185	275	380
30	130	165	245	295					185	350	320	565
31	65	165	195	360					245	—	290	425
Means (a)	302	441	434	439	249	402	304	468	275	435	381	501
Means (b)	264	411	380	405	215	376	199	439	270	438	382	486
Mean for day	(a) 404		(b) 365		(a) 356		(b) 307		(a) 398		(b) 394	

Day.	April. Factor 2·47				May. Factor 2·69				June. Factor 2·67			
	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.
1	170	55	200	495	170	325	510	465	215	215	155	260
2	370	355	200	255	215	465	125	230	215	340	140	215
3	225	650	395	820	280	245	−370	95	185	245	125	215
4	340	495	240	425	125	325	355	355	215	460	185	125
5	140	140	−170	−905	—	435	280	—	185	445	385	275
6	−185	−875	295	865	—	—	280	525	125	430	125	400
7	650	680	240	285	z±	245	215	415	125	206	155	170
8	285	310	85	325	125	−280	280	280	125	400	305	430
9	410	285	295	355	370	245	z±	435	275	520	275	460
10	55	170	z+	255	—	245	z±	—	125	570	460	245
11	310	340	200	550	—	245	230	155	90	290	155	155
12	225	295	100	170	110	245	170	310	140	370	415	320
13	170	325	−115	380	245	295	140	155	125	370	170	275
15	225	380	225	170	125	400	495	325	155	105	125	215
15	40	240	85	z±	230	465	555	295	105	185	105	185
16	240	210	55	185	200	185	155	295	140	215	125	155
17	140	310	225	495	125	310	155	370	105	140	155	155
18	255	40	225	410	140	555	370	295	215	185	155	400
19	155	380	—	—	280	245	230	245	155	260	155	125
20	210	480	510	595	185	185	170	310	60	200	125	245
21	310	440	480	380	245	245	170	230	155	125	105	90
22	225	325	255	425	245	295	185	465	90	215	155	215
23	155	255	225	240	295	z±	185	185	140	185	170	155
24	210	310	285	z±	−95	200	140	310	75	140	90	75
25	340	510	200	z±	45	230	200	325	45	290	185	245
26	285	255	705	410	245	215	155	310	—	155	90	140
27	240	170	510	565	60	170	110	185	185	125	170	215
28	395	610	z±	325	185	185	155	245	105	105	90	125
29	270	440	z±	285	140	170	125	155	170	230	90	90
30	210	285	z±	z±	125	185	110	215	140	245	275	90
31					170	155	30	245				
Means (a)	251	336	271	403	187	275	224	291	144	265	181	215
Means (b)	246	269	245	359	163	251	197	280	144	269	184	218
Mean for day	(a) 316		(b) 281		(a) 244		(b) 223		(a) 201		(b) 204	

NOTE.—The Potential Gradient is reckoned as positive if the potential increases upwards. For indeterminate potential gradient the following notation is used :—z + Indeterminate, positive value ; z − Indeterminate, negative value ; z± Indeterminate in magnitude and sign.
(a) Mean from all positive readings.
(b) Mean from all complete days using both positive and negative readings.

Mean Values for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

487. Richmond (Kew Observatory). **1925.**

Day	July. Factor 2·94.				August. Factor 2·72.				September. Factor 2·80.			
	3 hr.	9h.	15h.	21h.	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.
1	120	470	235	285	155	280	170	265	175	175	195	305
2	200	185	355	305	185	185	155	220	195	320	160	275
3	200	285	85	85	220	295	140	310	160	160	175	240
4	65	135	85	170	220	220	345	310	210	225	− 80	305
5	120	120	—	—	30	170	110	280	260	320	0	275
6	—	—	120	185	—	155	− 30	250	195	175	160	225
7	100	50	200	235	185	360	140	280	225	370	195	240
8	220	255	135	185	205	220	140	280	160	290	195	195
9	150	235	65	185	110	185	125	30	175	260	145	275
10	150	135	100	170	60	95	170	435	80	275	290	260
11	170	270	135	120	235	250	250	405	130	—	z ±	435
12	120	255	65	150	280	220	170	170	320	355	195	435
13	100	470	420	305	125	—	170	280	240	915	130	130
14	220	255	135	135	470	250	250	95	260	340	160	355
15	135	200	135	185	220	375	250	140	225	320	210	370
16	135	270	150	150	95	280	155	45	145	260	160	340
17	135	220	135	235	110	295	125	110	160	405	260	260
18	170	100	170	270	125	265	345	170	80	340	195	65
19	200	470	170	270	110	310	330	185	260	30	z −	355
20	220	—	320	150	60	280	185	220	145	145	225	− 80
21	—	—	405	335	155	250	205	345	290	320	595	450
22	− 85	455	200	z ±	250	170	45	360	320	−130	145	275
23	35	285	270	390	220	95	95	185	145	405	275	450
24	220	470	285	170	30	110	185	220	320	370	290	320
25	100	200	150	270	110	155	125	250	370	320	225	—
26	85	135	135	255	125	235	155	265	—	305	145	370
27	35	− 85	−305	235	30	140	170	250	160	290	195	290
28	135	305	170	285	185	265	170	280	195	370	195	210
29	235	255	170	200	95	155	155	220	160	225	195	260
30	85	200	135	235	220	280	185	235	195	260	290	210
31	270	405	390	150	155	185	185	235				
Means (a)	147	263	190	217	159	224	180	236	205	279	207	292
Means (b)	146	247	161	217	160	227	180	234	200	271	198	267
Mean for day	(a) 204		(b) 193		(a) 200		(b) 200		(a) 246		(b) 234	

Day.	October. Factor 2·73.				November. Factor 3·14.				December. Factor 2·72.			
	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.
1	95	95	285	190	160	125	160	0	155	280	315	425
2	220	250	285	175	20	145	290	345	205	455	440	565
3	95	65	315	140	−125	125	215	290	425	530	470	815
4	80	205	125	155	180	560	290	470	1160	1050	705	640
5	220	140	285	140	305	485	435	290	425	565	530	565
6	330	285	375	125	360	485	395	450	360	375	405	500
7	140	—	285	330	−145	380	− 90	740	390	455	315	295
8	300	360	425	455	200	235	145	380	80	65	125	110
9	345	470	535	250	395	540	415	560	140	425	220	360
10	190	265	315	265	615	670	850	705	—	—	—	—
11	455	410	300	110	470	615	345	740	—	—	—	—
12	190	110	220	125	795	830	685	995	—	—	—	—
13	65	80	155	140	685	920	850	685	—	—	—	—
14	175	410	315	315	415	505	485	615	—	—	425	425
15	345	410	205	410	395	560	380	450	295	440	485	360
16	95	45	425	470	345	435	615	615	485	530	500	550
17	205	285	235	190	450	485	630	560	295	—	295	375
18	—	—	285	315	450	580	470	485	190	250	315	485
19	235	250	410	175	305	415	485	485	155	440	360	125
20	− 65	285	110	45	415	435	540	525	− 95	80	−785	375
21	15	65	140	z ±	540	450	435	540	220	610	610	595
22	−125	z ±	110	155	270	435	395	325	565	125	140	−140
23	0	375	z ±	345	305	345	415	435	140	565	515	80
24	375	300	345	410	380	435	395	415	140	330	345	500
25	—	—	—	—	305	305	290	435	470	405	470	485
26	—	—	65	285	360	540	525	290	235	315	375	250
27	125	265	190	265	435	450	435	580	110	375	330	265
28	155	285	300	315	435	630	305	560	95	265	−190	170
29	80	190	285	300	345	395	435	255	125	15	170	140
30	155	175	235	315	290	630	630	360	95	−265	190	295
31	235	190	175	30					140	345	220	280
Means (a)	197	241	267	239	379	471	446	486	284	387	371	386
Means (b)	196	243	285	230	345	471	428	486	268	361	303	364
Mean for day	(a) 236		(b) 239		(a) 446		(b) 433		(a) 357		(b) 324	
Annual Means (a)									232	335	288	348
Annual Means (b)									218	319	262	332
									(a) 301		(b) 283	

(a) Mean from all positive readings.
(b) Mean from all complete days, using both positive and negative readings.
NOTE.—The Potential Gradient is reckoned as positive if the potential increases upwards. For indeterminate potential gradient the following notation is used: *z* + Indeterminate positive value; *z* − Indeterminate, negative value; *z* ± Indeterminate in magnitude and sign.

The departures from the mean of the day are adjusted for non-cyclic change.

SELECTED QUIET DAYS.

488. Richmond (Kew Observatory). **1925.**

Month and Season.	Hour 1	G.M.T. 2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Midt.	Non-cyclic change	Mean values
	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m
Jan.	− 72	− 71	− 76	− 73	**− 80**	− 43	0	+ 62	+ 60	+ 46	+ 48	+ 50	− 8	− 20	− 6	+ 7	+ 48	+ 68	**+ 77**	+ 43	+ 24	+ 13	− 34	− 61	− 26	406
Feb.	− 34	− 86	**−111**	−101	− 88	− 73	− 30	+ 48	+ 81	+ 70	+ 63	+ 4	− 53	− 81	− 59	− 41	+ 13	+ 60	+ 96	+108	**+111**	+ 90	+ 20	− 5	—	375
Mar.	− 58	−101	−117	−115	**−122**	− 92	− 40	+ 6	+ 36	+ 50	+ 52	+ 37	0	− 15	− 1	+ 26	+ 55	+ 83	+103	+ 89	**+104**	+ 62	− 1	− 41	− 12	376
April	− 35	− 46	− 80	**−110**	− 68	− 33	+ 37	+115	+ 62	+ 3	− 48	− 34	− 53	− 57	− 46	− 40	− 12	+ 44	+ 82	+ 82	**+121**	+ 75	+ 39	− 1	—	338
May	− 35	− 53	**− 59**	− 38	− 30	+ 3	+ 25	**+ 69**	+ 53	+ 22	− 1	− 8	− 39	− 35	− 30	− 17	+ 5	+ 24	+ 19	+ 39	+ 31	+ 42	+ 20	− 13	+ 8	201
June	− 85	− 89	**−107**	−100	− 75	− 39	+ 5	+ 55	+ 78	+ 60	+ 7	+ 26	+ 38	+ 23	+ 10	+ 27	+ 31	+ 62	**+ 86**	+ 65	0	− 7	− 17	− 56	− 15	251
July	− 42	− 29	− 29	− 20	− 2	+ 34	+ 55	+ 81	**+ 85**	+ 47	+ 31	+ 3	− 33	**− 43**	− 40	− 35	− 32	− 8	0	+ 10	+ 21	+ 3	− 23	− 34	+ 24	186
Aug.	− 7	− 37	**− 51**	− 41	− 41	− 6	+ 24	+ 30	+ 36	+ 29	+ 10	− 15	− 31	− 28	− 7	− 21	− 12	− 2	+ 7	+37	**+ 49**	+ 42	+ 28	+ 10	− 30	199
Sept.	− 48	− 43	− 44	− 37	− 27	+ 25	+ 34	**+ 78**	+ 75	+ 37	− 12	− 24	− 51	**− 54**	− 42	− 22	− 6	+ 24	+ 60	+ 75	+ 46	+ 13	− 28	− 32	− 13	248
Oct.	− 45	**− 61**	− 56	− 41	− 28	− 25	− 6	+ 44	+ 31	+ 12	− 13	+ 6	+ 21	+ 29	+ 40	+ 29	+ 41	**+ 51**	+ 22	− 6	− 2	+ 1	− 15	− 30	+ 3	277
Nov.	− 45	− 44	− 73	**− 94**	− 81	− 51	− 25	+ 10	+ 52	+ 44	+ 11	− 6	+ 2	− 17	− 13	+ 38	+ 37	**+ 74**	+ 62	+ 55	+ 61	+ 38	− 5	− 28	− 14	509
Dec.	+ 3	− 35	− 64	**− 77**	− 74	− 66	− 45	0	+ 28	+ 27	+ 7	+ 30	+ 30	− 12	− 18	− 6	+ 2	+ 37	**+ 71**	**+ 71**	+ 38	+ 54	+ 9	− 10	—	482
Year	− 42	− 58	**− 72**	− 70	− 60	− 30	+ 3	+ 50	**+ 57**	+ 37	+ 13	+ 6	− 15	− 26	− 18	− 5	+ 14	+ 43	**+ 57**	+ 56	+ 50	+ 36	− 1	− 25	—	326
Winter	− 37	− 59	− 81	**− 86**	− 81	− 58	− 25	+ 30	+ 55	+ 47	+ 32	+ 20	− 7	− 32	− 24	0	+ 25	+ 60	**+ 77**	+ 69	+ 59	+ 49	− 3	− 26	—	443
Eqnx.	− 47	− 62	− 74	**− 75**	− 61	− 31	+ 6	+ 61	+ 51	+ 26	− 5	− 4	− 21	− 24	− 12	− 2	+ 20	+ 50	+ 67	+ 60	**+ 67**	+ 38	− 1	− 26	—	310
Sumr.	− 42	− 52	**− 61**	− 50	− 37	− 2	+ 27	+ 59	**+ 63**	+ 40	+ 12	+ 2	− 16	− 21	− 17	− 11	− 2	+ 19	+ 28	+ 38	+ 25	+ 20	+ 2	− 23	—	224

AIR POLLUTION: HOURLY MEANS FOR EACH MONTH (milligrams per cubic metre).

COMPLETE DAYS ONLY.

489. Richmond (Kew Observatory). **1925.**

Month and Season.	Hour 1	G.M.T. 2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Midt.	Mean	No. of days used.
	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	
Jan.	·355	·285	·250	·250	**·230**	·250	·301	·374	·461	·515	·570	·570	·605	·605	·621	·710	·730	·854	·835	**·870**	·854	·621	·550	·410	·528	18
Feb.	·147	·125	·102	·102	**·093**	**·093**	·240	·365	·413	·342	·342	·320	·307	·320	·333	·320	·342	·365	·400	**·422**	·365	·333	·227	·195	·276	28
Mar.	·221	·173	**·160**	**·160**	·198	·259	·307	·333	·358	·346	·346	·320	·320	·307	·294	·307	·320	·333	·368	**·394**	**·394**	·381	·307	·282	·300	26
April	·102	·138	·102	·138	·160	·173	·195	·285	**·355**	·285	·227	·240	·173	·115	**·080**	·102	·125	·195	·275	·333	·307	·285	·240	·195	·201	28
May	·118	·106	·128	·150	·160	·170	·246	**·310**	**·310**	·266	·182	·128	·128	·138	·118	·128	**·096**	·150	·170	·202	·224	·234	·192	·170	·176	30
June	·173	·186	·173	·198	·234	·272	**·320**	**·320**	**·320**	·307	·282	·272	·173	**·147**	**·147**	·173	·208	·234	·221	·234	·234	·221	·198	·208	·227	26
July	·205	·154	·141	·154	·218	·218	·205	·218	**·230**	·179	·102	·102	·090	·064	**·051**	**·051**	·077	**·051**	·077	·102	·128	·115	·154	·154	·135	25
Aug.	·048	**·022**	·048	·035	·048	·106	·179	·189	**·224**	·189	·096	·035	·061	·048	·035	·048	·048	·048	·048	·061	·070	·070	·048	·061	·078	27
Sept.	·067	·093	·080	·102	·102	·147	·275	·365	**·387**	·275	·115	·115	·058	·045	·067	**·035**	·102	·138	·240	·285	·218	·195	·173	·125	·159	28
Oct.	·189	·189	**·166**	**·166**	**·166**	·189	·250	·403	**·522**	·499	·403	·333	·272	·202	·202	·250	·298	·426	·461	·451	·426	·355	·355	·285	·311	27
Nov.	·208	·208	**·147**	·173	·173	·198	·208	·358	·554	·592	·566	·493	·394	·320	·358	·480	·528	**·614**	·592	·541	·528	·442	·346	·234	·386	26
Dec.	·227	·205	·160	**·138**	**·138**	**·138**	·262	·515	**·640**	·525	·515	·467	·413	·435	·515	·573	·582	·525	·480	·445	·413	·378	·275	·240	·383	28
Year	·172	·157	**·138**	·147	·160	·184	·249	·336	**·398**	·360	·312	·283	·249	·229	·235	·265	·288	·328	·347	·362	·347	·303	·255	·213	·263	317
Winter	·234	·206	·165	·166	**·159**	·170	·253	·403	·517	·493	·498	·463	·430	·420	·457	·521	·545	**·589**	·577	·570	·540	·443	·350	·270	·393	100
Eqnx. Spring	·161	·155	**·131**	·149	·179	·216	·251	·309	·357	·315	·287	·280	·247	·211	·187	·205	·223	·264	·321	**·363**	·351	·333	·273	·239	·251	54
Autm.	·128	·141	**·123**	·134	·134	·168	·263	·384	**·455**	·387	·259	·224	·165	**·123**	·135	·143	·200	·282	·351	·368	·322	·275	·264	·205	·235	55
Sumr.	·136	·117	·123	·134	·165	·191	·237	·259	**·271**	·235	·166	·134	·113	·099	**·088**	·100	·107	·096	·129	·150	·164	·160	·148	·148	·153	108

AIR POLLUTION: DIURNAL INEQUALITIES (milligrams per cubic metre).

The departures from the mean of the day are adjusted for non-cyclic change.

490. Richmond (Kew Observatory). **1925.**

Month and Season.	Hour. 1	G.M.T 2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Midt.	Non cyclic change	Range
	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³.
Jan.	−·197	−·265	−·298	−·296	**−·314**	−·292	−·239	−·163	−·074	−·018	+·039	+·041	+·078	+·080	+·098	+·189	+·212	+·338	+·321	**+·358**	+·344	+·113	+·044	−·094	−·051	·672
Feb.	−·122	−·145	−·168	−·169	−·178	**−·179**	−·032	+·092	+·140	+·068	+·067	+·045	+·032	+·044	+·056	+·043	+·064	+·087	+·121	**+·143**	+·085	+·053	−·054	−·086	+·013	·322
Mar.	−·079	−·127	**−·140**	**−·140**	−·102	−·041	+·007	+·033	+·058	+·046	+·046	+·020	+·020	+·007	−·006	+·007	+·020	+·033	+·068	**+·094**	**+·094**	+·081	+·007	−·018	·000	·234
April	−·099	−·063	−·099	−·063	−·041	−·028	−·006	+·084	**+·154**	+·084	+·026	+·039	−·028	−·086	**−·121**	−·099	−·076	−·006	+·074	+·132	+·106	+·084	+·039	−·006	·000	·275
May	−·058	−·070	−·048	−·026	−·016	−·006	+·070	**+·134**	**+·134**	+·090	+·006	−·048	−·048	−·038	−·058	−·048	**−·080**	−·026	−·006	+·026	+·048	+·058	+·016	−·006	·000	·214
June	−·044	−·032	−·046	−·022	+·013	+·050	**+·098**	+·097	+·096	+·082	+·056	+·045	−·055	−·082	**−·083**	−·058	−·024	+·002	−·012	·000	−·001	−·015	−·039	−·030	+·022	·181
July	+·059	+·009	−·003	+·011	+·076	+·077	+·065	+·079	**+·092**	+·042	−·034	−·033	−·044	−·069	**−·081**	−·080	−·053	−·078	−·051	−·025	+·002	−·010	+·030	+·031	−·025	·173
Aug.	−·030	**−·056**	−·030	−·043	−·030	+·028	+·101	+·111	**+·146**	+·111	+·018	−·043	−·017	−·030	−·043	−·030	−·030	−·030	−·030	−·017	−·008	−·008	−·030	−·017	·000	·202
Sept.	−·081	−·055	−·069	−·048	−·049	−·005	+·122	+·211	**+·232**	+·119	−·042	−·043	−·101	−·115	−·094	**−·127**	−·061	−·026	+·075	+·119	+·051	+·027	+·005	−·044	+·023	·359
Oct.	−·122	−·122	**−·145**	**−·145**	**−·145**	−·122	−·061	+·092	**+·211**	+·188	+·092	+·022	−·039	−·109	−·109	−·061	−·013	+·115	+·150	+·140	+·115	+·044	+·044	−·026	·000	·356
Nov.	−·189	−·188	**−·248**	−·221	−·220	−·194	−·183	−·032	+·165	+·204	+·179	+·107	+·009	−·064	−·025	+·098	+·147	**+·234**	+·213	+·163	+·151	+·066	−·029	−·140	−·025	·482
Dec.	−·167	−·188	−·232	**−·253**	−·252	−·251	−·127	+·127	**+·253**	+·139	+·130	+·083	+·030	+·053	+·134	+·193	+·203	+·146	+·102	+·068	+·037	+·003	−·099	−·133	−·022	·506
Year	−·094	−·109	**−·127**	−·118	−·105	−·080	−·016	+·072	**+·134**	+·096	+·049	+·020	−·014	−·034	−·028	+·002	+·026	+·066	+·085	+·100	+·085	+·041	−·005	−·047	−·005	·261
Winter	−·169	−·197	−·236	−·235	**−·241**	−·229	−·145	+·006	+·121	+·098	+·104	+·069	+·037	+·028	+·066	+·131	+·157	**+·201**	+·189	+·183	+·154	+·059	−·034	−·113	−·021	·442
Eqnx.	−·095	−·092	**−·113**	−·099	−·084	−·049	+·015	+·105	**+·164**	+·109	+·031	+·009	−·037	−·051	−·083	−·070	−·032	+·029	+·092	+·121	+·092	+·059	+·024	−·023	+·006	·277
Sumr.	−·018	−·037	−·032	−·020	+·011	+·037	+·083	+·105	**+·117**	+·081	+·012	−·020	−·041	−·055	**−·066**	−·054	−·047	−·033	−·025	−·004	+·010	+·006	−·006	−·006	−·001	·183

M.O. 299
(Aerological Section)

FOR OFFICIAL USE

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1925

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valentia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

AEROLOGICAL SECTION

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METEOROLOGICAL COMMITTEE

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1927

AEROLOGICAL SECTION.

Station.	Latitude.	Longitude.	Height above Sea Level.
Kew	51° 28′ N. ..	0° 19′ W. ..	7 metres.
Sealand	53° 14′ N. ..	3° 0′ W. ..	5 metres.

INTRODUCTION.

Notes on the tables of Upper Air Temperatures obtained from soundings with registering balloons at Richmond and Sealand. 1925.

The tables are presented in substantially the same form as those appearing in the Observatories' Year Book for 1924. The Dines pattern meteorograph was employed solely as before, the instruments being mainly constructed in the Observatory workshop supplemented by a few purchased from outside contractors.

The method of operation remained substantially the same as that described in the Computer's Handbook.*

In the computation of pressure-height a value of gravity constant with height has been assumed, and equal to 981·2 ; the effect of humidity on the density of the air has been neglected.

A total of 63 soundings were made during the year, 47 from the Distributive Station of the Meteorological Office at Sealand Aerodrome, and 16 from Kew Observatory. Of these, 49 instruments were found and returned ; one had only reached a negligible height and one yielded an unreliable record through damage to the instrument in transit to Sealand. Three records obtained simultaneously from Sealand were incorporated into one set of figures in the tables, thus leaving in all 45 soundings for publication. The choice of station from which an ascent was made was generally determined in view of the probable direction and length of the run of the balloon, and in consequence the percentage of returns has been high. The average height reached was appreciably greater than in the previous year.

In most cases the mean of the records on the ascent and descent was employed entirely in computing the published figures. In a few cases a weighted mean was used, and in two cases the ascending record alone was used over the lowest kilometer or two. All such occasions are mentioned in the notes. Except in the cases of soundings made near midday in summer the difference between the two records did not in general exceed 4a, with a mean of about half that value. Whenever direct evidence could be obtained it was almost always found that in the troposphere the descending record was the colder of the two. The reason is believed to lie partly in a temperature lag of the thermograph member, and in daylight ascents also to differential solar heating of the instrument, as between the ascent when the ventilation is comparatively weak, and the descent when it is much more vigorous. In the case of high ascents made during the daytime a pronounced rise of temperature was sometimes observed over about a kilometre at the extreme top, particularly so on the record of the descent immediately after the bursting of the balloon. There is good evidence that this is a fictitious effect due to solar radiation and that the ascent is a great deal more affected by it than the descent. The rise of temperature has accordingly been ignored, and greater weight has also been given to the descent than to the ascent in the upper parts of such records as show an unusually large difference between them.

The ventilation of the meteorograph is effected solely by the natural draught produced by its vertical velocity. The coned case referred to last year was employed almost entirely in 1925. The vertical velocity of the rising balloon was of the order

* MO. 223, Section II, Sub-section II.

200 metres per minute in about one third of the soundings, and 300 metres per minute or more in the remainder. After the balloon had burst the instrument fell at the rate of about 700 metres per minute.

The figures given in the table of lapse rates do not in every case agree with the temperatures appearing in the table of temperature-heights. The reason is that both were determined independently from the original data, which can sometimes profitably be read to ·5 degree, and then rounded off to the nearest whole degree.

All new meteorographs, and all old ones used again after repair, were seasoned in a vacuum chamber before use by being subjected to several slow reductions of pressure. This process has been found to reduce greatly the chance of a systematic difference occurring between the results of a fast and a slow calibration. More detail is given in the Introduction to the tables for 1923, and within the limits of accuracy at present attainable in the measurement of upper air pressures the results of the fast reduction of pressure in the calibration test may be taken as applying to the slow reduction in an actual sounding.

During the year the greater part of the stock of meteorographs were rebuilt with improved aneroid boxes and mountings for the same. These boxes provide a scale which does not contract much at the lower pressures and show a lag which is very much less than that of the older ones. The improvements have also made the instruments less liable to damage from shock. The lag, or difference in reading as between a falling and a rising pressure, is now of the order 3 or 4 millibars on the average in the middle region of a high sounding, falling off to lesser values on either side. If a correction be applied to the recorded temperature-pressures to allow for the error, it results for an average sounding in the troposphere in an increase in the difference between the temperatures recorded at any pressure on the ascent and descent.

The effect is to make the recorded temperatures on the descent too high by about half a degree at a height of 6 or 7 kilometres, with a tendency for the error to fall off above and below. When the mean of the two records is employed the resultant error is halved and becomes negligible.

When soundings were first made from Sealand Aerodrome, meteorographs calibrated beforehand at Kew Observatory were forwarded by post to Sealand, and there is reason to suppose that the zero readings were sometimes disturbed before the sounding was made by shocks encountered in transit. Serious cases were readily discoverable and if necessary the results were rejected; minor ones, however, were not, and the general standard of accuracy attained in the soundings from Sealand was somewhat lowered in consequence. Subsequent to April 1925, the calibrated meteorographs were forwarded by passenger train in a large case in which they were carefully packed in cotton wool, and there is no reason to suppose that this source of error has occurred since that date.

In Table 491 occur the entries "Types of Tropopause" and "H_c=Height of Tropopause." These are defined as follows :—Type I. The stratosphere commences with an inversion, and H_c is the height of the first point of zero temperature gradient. Type II. The stratosphere begins with an abrupt transition to a temperature gradient below 2 a. per kilometre without inversion, and H_c is the height of the abrupt transition. Type III. There is no abrupt change of temperature gradient, and the base of the stratosphere is taken at the point where the mean fall of temperature for the kilometre next above is 2a. or less, provided that it does not exceed 2a. for any subsequent kilometre. In Table 492 the pressure distribution is classified according to the types defined in "Aids to Forecasting."†

† E. Gold, F.R.S., Geophysical Memoir No. 16., M.O. 220f., London, 1920.

Some statistical results of the soundings made in England during the five years 1921-1925 are set out in the table below. Means and correlation coefficients are given based on about 114 soundings, of which about 15 per cent. were made from Kew Observatory, 38 per cent. from Benson Observatory and 47 per cent. from Sealand Aerodrome.

Mean temperatures are given for each season, winter indicating the three months Dec.-Jan.-Feb., and so on. In the determinations of the correlation coefficients the seasonal variations of the quantities have been ignored and all departures taken from the annual means.

MEAN TEMPERATURE AT EACH HEIGHT, 1921—1925.

Degrees absolute above 200 a.

	Ground	1 km.	2 km.	3 km.	4 km.	5 km.	6 km.	7 km.	8 km.	9 km.	10 km.	11 km.	12 km.	13 km.	14 km.	15 km.	16 km.	17 km.
Winter	78·2	74·0	69·4	63·4	57·2	50·7	43·6	36·0	28·9	23·2	19·0	17·7	19·0	20·1	19·7	19·7	19·1	19·1
Spring	81·8	75·7	70·3	65·0	58·8	52·6	45·3	38·1	31·3	25·3	20·6	17·0	18·1	19·4	19·9	19·6	19·7	19·3
Summer	89·6	82·9	78·1	73·8	68·1	62·4	55·6	48·4	41·1	33·9	27·1	22·3	19·8	21·5	22·9	22·9	23·8	25·1
Autumn	82·5	77·7	73·1	68·8	63·0	56·4	49·5	41·9	34·7	27·4	22·8	19·4	18·7	18·6	17·6	17·3	17·6	17·8

	Suffix used in correlation coefficients.	1921—25. Mean Value.	Standard Deviation.
Surface Pressure at M.S.L.	1	1015 mb.	13·1 mb.
Mean Temperature from 1 to 9 km.	2	254 a.	6·1 a.
Pressure at 9 km.	3	305 mb.	10·7 mb.
Height of Tropopause	4	10·6 km.	13·8 km.
Temperature at Tropopause	5	218 a.	6·5 a.

CORRELATION COEFFICIENTS.

r_{12}	r_{13}	r_{14}	r_{15}	r_{23}	r_{24}	r_{25}	r_{34}	r_{35}	r_{45}
·36	·65	·57	− ·41	·94	·69	− ·07	·75	− ·20	− ·67

PARTIAL CORRELATION COEFFICIENTS.

$r_{23\cdot4} = \cdot88$	$r_{34\cdot2} = \cdot41$	$r_{42\cdot3} = -\cdot07$

PARTIAL REGRESSION EQUATIONS.

$$\left.\begin{aligned} \delta H_c &= \cdot87\,\delta P_9 - \cdot13\,\delta T_m + \cdot67\text{ Ca.} \\ \delta P_9 &= \cdot19\,\delta H_c + \cdot81\,\delta T_m + \cdot31\text{ Ca.} \\ \delta T_m &= \cdot96\,\delta P_9 - \cdot03\,\delta H_c + \cdot34\text{ Ca.} \end{aligned}\right\}\ \text{Standard deviations as units.}$$

Sealand : Lat. 53° 14′ N. ; Long. 3° 00′ W. Kew : Lat. 51° 28′ N. ; Long. 0° 19′ W.

491. T = Temperature in Degrees absolute above 200a. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No. of Ascent.	526	527.	528.	529.	531.	532.	534.	536.	537.	539.	541.	542.
Date.	Jan. 15.	Jan. 16.	Jan. 17.	Jan. 24.	Feb. 2.	Feb. 11.	Feb. 13.	Mar. 17.	Mar. 19.	Mar. 21.	Apr. 14.	Apr. 15.
Station.	Sealand.	Kew.	Sealand.	Sealand.	Sealand.	Sealand.	Kew.	Sealand.	Sealand.	Sealand.	Sealand.	Sealand.
Start G.M.T.	17 h. 14 m.	12 h. 17 m.	12 h. 55 m.	8 h. 30 m.	8 h. 05 m.	13 h. 29 m.	16 h. 58 m.	17 h. 40 m.	7 h. 25 m.	8 h. 00 m.	17 h. 50 m.	7 h. 50 m.
H_t = Greatest Height ... (km.)	13·39	7·24	17·92	16·79	9·92	14·75	4·24	19·19	16·56	16·44	10·84	12·25
T_t = Corresponding Temperature (a)	218	243	* 221 ?	223	210	220	253	213	224	223	219	227
P_t = Corresponding Pressure (mb.)	154	406	77	93	250	116	572	61	96	91	228	180
Place of Fall	Stone, Staffs.	Welwyn, Herts.	Penistone, Yorks., W.R.	Brandon, Coventry, Warwickshire.	Farndale, Yorks, N.R.	Northallerton, Yorks. N.R.	Barnet, Herts.	Knighton, Radnor.	Nantwich, Cheshire.	Haughton, Staffs.	Merzig, Saar Basin (Alsace).	Norton and Dunston Station, Lincs.
Distance ... ... (km.)	67	46	95	141	185	160	22	99	37	72	795	171
Bearing. Degrees from N.... ...	123	8	70	140	46	39	22	182	120	133	119	90
Geostrophic Wind— Speed ... ... (m/s.)	Indeterminate.	4	13	9	Indeterminate.	Indeterminate.	11	Indeterminate.	Indeterminate.	9	12	20
Degrees from N.		180	235	270			225			360	175	270
Wind (Anemograph)— Speed ... ... (m/s.)	2	4	7	7	4	Calm.	1	7	1	2	7	12
Degrees from N.	200	160	190	250	300	—	200	315	210	20	160	250
Humidity at surface ... ... (%)	91	98	58	81	95	90	87	96	95	86	83	61
Type of Tropopause	I	?	I	I	?	I	?	I	I	II	?	I
H_c = Height of „ ... ... (km.)	11·56	—	11·49	11·28	—	10·38	—	11·41	10·93	7·29	10·55	8·91
T_c = Temp. at „ ... ... (a.)	214	—	214	216	—	209	—	208	216	221	219	227
P_c = Pressure at „ ... ... (mb.)	206	—	212	217	—	231	—	212	230	368	238	296
Mean Temp. in Stratosphere (H_c+2) to (H_c+5) (a.)	—	—	217	223	—	—	—	214	221	226	—	—
(H_c+5) to (H_c+8) (a.)	—	—	—	—	—	—	—	213	—	224	—	—
(H_c+8) to (H_c+11) (a.)	—	—	—	—	—	—	—	—	—	—	—	—
T_m (Mean Temp. 1 to 9 km.) (a.)	252	—	256	253	248	248	—	255	254	237	255	248
P_s (Pressure at M.S.L.) ... (mb.)	1031	1037	1029	1027	991	989	986	1033	1033	1019	1005	1000

492.

NOTES.

No. of Ascent.	Date.	Time.	
526.	Jan. 15th.	17.14 G.M.T.	Weather overcast. Pressure distribution ; very large high over Central Europe and deep low NW of Iceland. Light variable winds over England generally, SW in Ireland. Type V. Apparent inversion, ground to 0·3 km. Isothermal layer, 1·63 km. to 2·13 km. Temp. 272 a, and a small isothermal layer 8·25 km. to 8·43 km. Temp. 229 a.
527.	Jan. 16th.	12.17 „	Weather overcast (St. 10) after fog. Central European anticyclone increased in intensity, low in Jan Mayen region, with a low approaching SW Ireland. Type V., but pressure still high over England. Inversion of 3a, from 0·50 km. to 0·80 km. Temps. 279 a. to 282 a.
528.	Jan. 18th.	12.55 „	Weather fair, Cu-St. 5/10 estimated about 1100 m. moving from WSW. Central European anticyclone still very intense with subsidiary over Spain, very deep depression on SW coast of Iceland, and a low near the Azores. Pressure still high over England, with small secondaries crossing the country. Type VI. The Balloon apparently floated for some time near the highest point and the temperature readings were too high in consequence. The most probable value has therefore been taken at the highest point. (See Introduction.)
529.	Jan. 24th.	8.30 „	Weather Cloudy, Cu-St. estimated at 1200 m., moving from WNW, and some A-Cu. High pressure over Faroe, S. France, Spain and Russia ; low in North Sea and West of Ireland. Ridge of high crossing British Isles. Type IV ? Apparent inversion of 1 a, surface to 0·46 km., and isothermal layers from 1·01 km. to 1·27 km. Temp. 275 a, and 3·05 km. to 3·32 km. Temp. 262·5 a.
531.	Feb. 11th.	8.05 „	Weather overcast and raining. Clouds, estimated height 500 m. from NW. Pressure distribution ; very large low area with centres in Norwegian Sea, between Iceland and Ireland, and S. of Ireland ; secondaries crossing British Isles. Type V a.
532.	Feb. 11th.	13.29 „	Weather overcast, raining, calm. Clouds, Nb. and Fr-St. Low off S. of Ireland moved up to St. George's Channel region and V-shaped depression developing NW of Ireland. Type V.a. Small lapse of temperature noted (1 a) from 1·16 km. to 1·73 km.
534.	Feb. 13th.	16.58 „	Weather overcast, slight drizzle, after heavy rain. Clouds St. 10. Pressure distribution ; low just off Ireland NW, secondary over Bristol Channel. Type XIV.
536.	Mar. 17th.	17.40 „	Weather overcast. Clouds, 9/10 Cu-St. moving from NW estimated at 1100 m. Some Ci-Cu. at 16 h, also from NW. Pilot balloon ascent at 16 h. 30 m. showed wind due north at 3500 m. Pressure distribution ; anticyclone lying over the British Isles, centre near Valentia. Type XI. Inversion from 1·94 km. to 2·68 km. Temps. 269 a. to 271·5 a.
537.	Mar. 19th.	7.25 „	Weather overcast Cu-St. at estimated height of 1400 m. from NW. Wind variable. Pressure distribution ; long anticyclonic tongue extending W-E across England. Type Ia. or XI. Large inversion from 1·88 km. to 2·07 km., Temps. 267·5 a. to 271·5 a.
539.	Mar. 21st.	8.00 „	Weather overcast : 9/10 Cu-St. estimated at 1200 m., from north. Cirrus also from NW by W. Pressure distribution ; large North Atlantic anticyclone, lows over Denmark and NW Germany. Type X. The tropopause was low, 7·29 km. The super adiabatic lapse rate near the ground may be due to the employment of the mean of the up and down records at 0·5 kms. (70·5 a. and 68·5 a.). There is reason to suppose that the lapse rate was high.
541.	April 14th.	17.50 „	Weather overcast, with squalls of rain. Clouds, nb. estimated at 500 metres, and A-St. Pressure distribution ; large depression over Iceland and secondary between Iceland and Ireland. High over Azores with easterly tongue over France. Type Va. The balloon did not burst and floated for a long time, falling in Germany. Up temperature record in the troposphere about 3 a. warmer than the down. A weighted mean was used in all cases giving a decided bias in favour of the up record.
542.	April 15th.	7.50 „	Weather overcast, with heavy squalls. Clouds, St. 4/10 estimated at 600 metres from WSW. ; A-Cu. 3/10 and A-St. 2/10. Pressure distribution ; deep depression NW of the Hebrides, Azores high, and steep gradient over British Isles. Type III. Isothermal layer from 2·78 km. to 3·17 km. Temp. 258 a. The lapse rate between G.L. and 0·5 km. is given as +12, but owing to damage to the instrument a zero error existed, and the lapse below 0·5 km. could not be accurately determined.

* See Notes.

Sealand: Lat. 53° 14′ N.; Long. 3° 00′ W. Kew: Lat. 51° 28′ N.; Long. 0° 19′ W.

491. T = Temperature in Degrees absolute above 200a. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No. of Ascent.	543.	544.	545.	546.	547.	548.	549.	550.	551.	552.	553.
Date.	Apr. 15.	Apr. 16.	Apr. 16.	Apr. 21.	May 13.	May 14.	May 15.	June 17.	June 18.	June 19.	June 27.
Station.	Sealand.	Sealand.	Kew.	Kew.	Sealand.	Sealand.	Sealand.	Sealand.	Sealand.	Sealand.	Sealand.
Start G.M.T.	17 h. 55 m.	17 h. 59 m.	18 h. 00 m.	15 h. 34 m.	17 h. 50 m.	7 h. 43 m.	7 h. 55 m.	13 h. 16 m.	18 h. 30 m.	17 h. 45 m.	16 h. 30 m.
H_t = Greatest Height ... (km.)	12·87	14·06	7·80	12·28	15·60	16·98	16·65	2·97	20·74	13·78	17·03
T_t = Corresponding Temperature (a)	230	225	232	221	218	224	* 223 ?	277	223	225	225
P_t = Corresponding Pressure (mb.)	168	137	356	184	110	91	95	710	49	150	91
Place of Fall	Mansfield, Notts.	Barr Beacon Walsall, Staffs.	Brede, Sussex.	Shackleford Godalming, Surrey.	Pannal, Harrogate, Yorks, W.R.	Kirkheaton, Huddersfield Yorks, W.R.	Harpurley, Manchester, Lancs.	Pulford, Nr. Chester	Cleobury, Mortimer, Worcs.	Newport, Salop.	Pembridge, Hereford-shire.
Distance ... ... (km.)	120	102	87	39	127	97	62	12	97	65	112
Bearing Degrees from N.	94	134	131	223	49	60	58	161	158	141	177
Geostrophic Wind— Speed ... ... (m/s.)	18	20	20	9	Indeterminate	Indeterminate.	2	3	9	9	9
Degrees from N.	265	310	310	50			185	325	335	305	350
Wind (Anemograph)— Speed ... ... (m/s.)	7	15	9	4	4	4	4	9	7	7	4
Degrees from N.	270	280	290	45	290	300	160	290	300	300	360
Humidity at surface ... ... (%)	77	86	63	50	74	81	89	64	70	71	62
Type of Tropopause	III.	I.	?.	I.	I.	I.	I.	?	I.	I.	I.
H_c = Height of ,, ... (km.)	5·10	10·50	—	10·96	11·76	11·45	11·15	—	11·50	11·23	11·99
T_c = Temp. at ,, ... (a.)	244	222	—	213	211	215	215	—	209	219	215
P_c = Pressure at ,, ... (mb.)	514	236	—	227	202	214	223	—	210	221	199
Mean Temp. in Stratosphere (H_c+2) to (H_c+5) (a.)	238	—	—	—	—	222	222	—	217	—	222
(H_c+5) to (H_c+8) (a.)	—	—	—	—	—	—	—	—	218	—	—
(H_c+8) to (H_c+11) (a.)	—	—	—	—	—	—	—	—	—	—	—
T_m (Mean Temp. 1 to 9 km.) (a.)	251	249	—	254	257	258	257	—	256	258	260
P_s (Pressure at M.S.L.) ... (mb.)	998	1007	1007	1022	1022	1024	1019	1022	1022	1021	1020

492.

NOTES.

No. of Ascent.	Date.	Time.	
543.	April 15th.	17.55 G.M.T.	Weather overcast. Squally. Clouds, St. and Cu.-St. from W, estimated at 800 metres. Pressure distribution; Deep low off N of Scotland. Type III., becoming I. in next 12 hours. The tropopause appears to have been remarkably low on this occasion.
544.	April 16th. (Sealand)	17.59 ,,	Weather overcast, slight rain and squally. Clouds, St. from W by N estimated at 500 metres. Pressure distribution: Series of lows over Scandinavia—Baltic region. Azores—Spain high with wedge to NW. Type I. Inversion 4·18 km. to 4·38 km. Temps. 253·5 a. to 254 a. Isothermal patch 8·38 km. to 8·79 km. Temp. 228·5 a.
545.	April 16th. (Kew)	18.00 ,,	Weather overcast after showers; squally. Clouds, Cu. 6/10 and Cu-Nb. 4/10. Pressure; As above. Type I. Isothermal layers at 1·88 km. to 2·09 km. Temp. 268·5 a.; and 3·57 km. to 3·79 km. Temp. 259 a.
546.	April 21st.	15.34 ,,	Weather fine and cloudless. Pressure distribution: Long belt of high, Azores—Scandinavia, with a subsidiary centre over the North Sea, decreasing in intensity. Type IX.b. Inversion from 1·07 km. to 1·40 km., Temps. 276·5 a. to 277·5 a. The super adiabatic lapse rate near the ground may be due to the employment of the mean of the up and down records at 0·5 kms. (Temperatures 281·5 a. and 280 a. respectively). A high lapse rate was probable on this occasion.
547.	May 13th.	17.50 ,,	Weather overcast. Clouds, Cu. 3/10, Ci-Cu. 1/10 and Ci. 5/10 Cirrus moving from WSW. (A pilot balloon ascent at 16 h. gave a SSW wind at 1200 metres, becoming SW by W at 1800 metres.) Pressure distribution; Large anticyclonic belt from Azores across British Isles with a centre over the North Sea. A small low over NW England. Type XI becoming XIII a. Inversions 2·45 km. to 2·78 km. Temps. 272·5 a. to 273 a. and 1·62 km. to 1·85 km. Temps. 275·5 a. to 276 a. Very good clear record.
548.	May 14th.	7.43 ,,	Weather overcast. Clouds, 8/10 St. at 250 metres and 1/10 Cu-St. Pressure distribution; anticyclonic belt with centres over Scotland, Danish Coast, Scilly, Baltic. Type XIII a. Small inversion on up trace 0·66 km. to 0·76 km. Temps. 280 a. to 280·5 a. Inversion on down trace 1·41 km. to 1·53 km., Temps. 274 a. to 275 a. Inversion on up trace 1·83 km. to 2·00 km., Temps. 275 a. to 276 a. Small inversion on down trace 2·00 km. to 2·20 km., Temps. 273 a. to 273·5 a. Very good record.
549.	May 15th.	7.55 ,,	Weather fair. Clouds, 2/10 Fr-Cu. and 4/10 A-Cu.—A-Cu. moving from WSW. Pressure distribution; Scandinavian anticyclone with narrow belt of high across England to Azores; low south of Iceland. Type IIIc., modified. (Traces of inversion (on the up trace only) near the ground, to 0·8 km., Temp. 283 a.; (lower limit unknown.)) Small inversion 2·23 km. to 2·47 km., Temps. 274 a. to 274·5a and an isothermal layer 6·55 km. to 6·81 km., Temp. 246·5 a. A rise of temperature of 3 a. shown at the extreme upper limit of the ascent has the appearance of an insolation effect. It has been ignored and the most probable value taken for the temperature.
550.	June 17th.	13.16 ,,	Weather overcast. Clouds, 8/10 Cu-St. estimated at 900 metres from NW by N, and 1/10 A-St. from NW. Pressure distribution; very large Azores—Iceland high, low over Gulf of Bothnia. Type I becoming X. This ascent only reached 2·97 km. but showed a marked inversion from 1·27 km. to 1·40 km., Temps. 274·5 a. to 279·5 a. There seems to be some evidence that the temperature zero of the instrument was disturbed and that accordingly all the temperatures other than that at G.L. are 3 a. too low. The record was clearly visible to an unusually high pressure, and the lapse rate near the surface was certainly large.
551.	June 18th.	18.30 ,,	Weather, fine; Clouds, 1/10 Cu. and trace Ci-Cu. Pressure distribution; very large North Atlantic high—Baltic low. Type X. Inversion 1·91 km. to 2·49 km., Temps. 271·5 a. to 273·5 a. The conditions were not such as to presuppose such an abnormal lapse rate near the ground. Being based on the screen temperature on the ground a certain element of uncertainty is introduced.
552.	June 19th.	17.45 ,,	Weather overcast. Clouds, 6/10 Cu-St., 3/10 A-Cu. and 1/10 Ci-St. Pressure distribution; North Atlantic high, lows over Norwegian Sea and Baltic; a secondary centred over the South of Scotland. Type I (or X). Inversion on up trace, 0·79 km. to 1·16 km., Temps. 281·5 a. to 282 a. Isothermal layers on the down trace, (i) at 1·20 km. to 1·48 km., Temp. 279 a., and (ii) a small layer 3·72 km. to 3·78 km., Temp. 264·5 a. Isothermal layer on both traces, mean 10·08 km. to 10·23 km., Temp. 223 a.
553.	June 27th.	16.30 ,,	Weather overcast, clouds, 6/10 Cu. and 4/10 St-Cu. from N, no upper cloud visible. Pressure distribution; large anticyclone centred SW of Ireland with a ridge running to Spitsbergen: secondaries to eastward. Low over Iceland. Type X. Isothermal layer on down trace, 1·54 km. to 1·81 km., Temp. 275 a. Marked inversion on up trace, 1·68 km. to 1·93 km., Temps. 273 a. to 276·5 a. Inversion from 2·60 km. to 2·79 km., Temps. 272·5 a. to 273·5 a., and small isothermal patches:—269 a. from 3·65 km. to 3·75 km., and 264 a. from 4·59 km. to 4·67 km.

* See Notes.

Sealand: Lat. 53° 14′ N.; Long. 3° 00′ W. Kew: Lat. 51° 28′ N.; Long. 0° 19′ W.

491. T = Temperature in Degrees absolute above 200a. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No. of Ascent.	554.	556.	557.	558.	560.	562.	563.	564.	566.	567.	569.
Date.	July 14.	July 18.	Aug. 14.	Aug. 14.	Aug. 15.	Aug. 15.	Aug. 16.	Aug. 17.	Aug. 19.	Aug. 20.	Aug. 22.
Station.	Kew.	Kew.	Sealand.	Sealand.	Sealand.	Kew.	Kew.	Sealand.	Kew.	Sealand.	Kew.
Start G.M.T.	17 h. 48 m.	11 h. 49 m.	7 h. 50 m.	13 h. 03 m.	7 h. 55 m.	18 h. 00 m.	7 h. 00 m.	8 h. 00 m.	7 h. 10 m.	8 h. 00 m.	7 h. 00 m.
H_t = Greatest Height ... (km.)	19·12	16·16	22·58	18·40	19·65	21·66	18·76	18·35	14·03	20·30	15·48
T_t = Corresponding Temperature (a)	223	229	* 233?	* 225?	224	225	* 223?	233	230	229	* 229?
P_t = Corresponding Pressure (mb.)	66	106	41	76	62	45	71	79	147	56	115
Place of Fall	Box Hill, Surrey.	Moulton Marsh, Spalding, Lincs.	Tilstone Fearnall, Cheshire.	Chesterton, Stoke-on- Trent, Staffs.	Dolanog, Welshpool, Montgomery- shire.	Fittleworth, Sussex.	Bolney, Sussex.	Lower Peover, Knutsford, Cheshire.	St. Albans. Herts.	Helsby, Cheshire.	Stoke Hammond Bletchley, Bucks.
Distance ... ... (km.)	23	147	26	54	64	58	54	42	32	16	62
Bearing. Degrees from N.... ...	174	5	112	113	205	197	170	84	358	70	331
Geostrophic Wind—											
Speed ... ... (m/s.)	4	13	Indeter- minate	Indeter- minate	2	4	5	Indeter- minate	8	Indeter- minate.	9
Degrees from N.	165	210			135	35	315		70		190
Wind (Anemograph)—											
Speed ... ... (m/s.)	4	4	2	4	4	2	Calm.	1	4	4	1
Degrees from N.	200	180	340	315	160	20	—	180	45	160	135
Humidity at surface ... ... (%)	47	73	84	79	75	62	97	89	92	97	96
Type of Tropopause	I	I	I	II	I	I	I	I	I	I	II
H_c = Height of ,, ... (km.)	11·66	11·58	10·80	10·70	12·52	12·90	12·97	12·08	10·39	10·30	8·46
T_c = Temp. at ,, ... (a.)	215	221	223	222	211	209	210	221	223	221	229
P_c = Pressure at ,, ... (mb.)	210	213	244	248	190	177	176	204	253	254	327
Mean Temp. in Stratosphere (H_c+2) to (H_c+5) (a.)	221	226	225	222	218	217	220	227	—	227	231
(H_c+5) to (H_c+8) (a.)	222	—	225	223	—	221	—	—	—	225	—
(H_c+8) to (H_c+11) (a.)	—	—	228	—	—	—	—	—	—	—	—
T_m (Mean Temp. 1 to 9 km.) (a.)	261	261	262	263	265	264	265	265	260	258	255
P_s (Pressure at M.S.L.) ... (mb.)	1019	1006	1026	1027	1029	1027	1027	1022	1011	1011	1001

492.

NOTES.

No. of Ascent.	Date.	Time.	
554.	July 14th.	17.48 G.M.T.	Weather fine and hot. Clouds, Cu. 1/10. Pressure distribution; Azores and Scandinavian anticyclones with a belt of high across south of England. Icelandic low. Type XIa. (?). Small inversion on up trace (scarcely notable on down trace) at 1·85 km. to 1·98 km. Temps. 282·5 a. to 283 a. This ascent was followed with a theodolite and the direction of the wind was found to be the same at all levels—very light from nearly due north—except near the surface. Mean of both traces used in working up except below 1·75 kms. where the up trace only was taken, as the falling trace differed widely from the surface conditions.
556.	July 18th.	11.49 ,,	Weather fair. Clouds, Cu. and Fr-Cu. 6/10 from SW. and Ci. 1/10 also from SW. Pressure distribution; low on west coast of Ireland, stationary, (moved after 36 h. south-east after filling up a little). Pressure high over Norwegian Sea and moderately high with very slight gradients over Europe and very quiet conditions. Type VII. Small inversion noted from 1·70 km. to 2·05 km., Temps. 278 a. to 278·5 a.
557.	Aug. 14th.	7.50 ,,	Weather overcast. Clouds, Cu-St. 2/10 from NW and St. 7/10; lowest St. estimated about 500 m. Pressure distribution; large N Atlantic anticyclone and quiet conditions over W Europe generally. Low off far north of Norway. Type I (or perhaps X). Small inversion 0·81 km. to 0·90 km., Temp. about 283·5 a., and a small isothermal layer 1·85 km. to 2·0 km., Temp. 279 a. Marked signs of insolation near the upper limit of the ascent. The most probable values of the temperature above 21 km. are given.
558.	Aug. 14th.	13.03 ,,	Weather overcast. Clouds, St. and Cu-St., St. from north, estimated at 550 m. Anticyclone extending more over Britain. Type X. Isothermal or very slight inversion 2·21 km. to 2·93 km., Temp. 277 a. The two traces differ by from 8 a. to 3 a. As the warmer trace seems to have been considerably affected by insolation a weighted mean of both was used with a bias towards the colder trace. A marked rise of temperature of about 8 a. on the down trace at the extreme upper limit of the ascent has the appearance of an insolation effect, and has been ignored. The most probable value of the temperature at the highest point has been given.
560.	Aug. 15th.	7.55 ,,	Weather cloudy (high cloud) Ci-St. 8/10 from NE. North Atlantic anticyclone extending well over Britain. Distant lows to NE. and E. Type X or IX.b. Inversion on up trace 1·86 km. to 2·32 km., Temps. 278·5 a. to 280·5 a. On the down trace, 1·50 km. to 1·89 km., Temps. 280 a. to 282 a. Isothermal layers, on the up trace 3·50 km. to 3·77 km., Temp. 275 a., and on the down trace, 3·17 km. to 3·47 km., Temp. 275 a. The systematic difference between the heights of inversion, isothermal layer (and also the tropopause) on the up and down traces is noteworthy.
562.	Aug. 15th.	18.00 ,,	Weather, fine; Clouds, Ci. 3, moving rather fast from NNE. Pressure distribution; North Atlantic anticyclone maintained—NW to NE wind from north to south of British Isles. Type X or IXb. Isothermal layer 1·05 km. to 1·47 km., Temp. 281.5 a., and an inversion from 2·01 km. to 2·27 km., Temps. 279·5 a. to 281 a.
563.	Aug. 16th.	7.00 ,,	Weather fine and cloudless, calm. The anticyclone extended a little further over Europe and developed two centres, one over NW Ireland and one a few hundred miles to the west. Feeble low towards the Azores, and lows on N Russia and Jan Mayen. Type I or VIII.b. (?) Surface inversion; Temp. 285 a. to 286·5 a. approximately; Isothermal or slight inversion 1·14 km. to 1·35 km., Temp. 283·5 a., and an inversion 1·52 km. to 1·76 km., Temps. 282·5 a. to 284 a. The up trace was nearly isothermal at 284 a., from 1·72 km. to 2·50 km. also. The height of the tropopause reached 12·97 km., the highest recorded in 1925. A rise in temperature of about 5 a. at the highest point reached suggested insolation and was ignored. The most probable temperature is given for the highest point.
564.	Aug. 17th.	8.00 ,,	Weather fine, Clouds, Cu. 2/10, estimated height about 500 m. from west. Anticyclone became less intense and developed centres over the sea NW of Britain and over Central Europe. Shallow low west of Bay of Biscay, and a deeper low over Finland. Type XI a. Inversion from 0·57 km. to 0·74 km., Temps. 285·5 a. to 288 a.
566.	Aug. 19th.	7.10 ,,	Weather overcast. Clouds, St. 10. Pressure distribution; ill-defined low region from Iceland to Mediterranean with a shallow centre over N France (Others over Finland, S of Iceland, Central Europe, and W Mediterranean); Azores and Jan Mayen highs with a tongue extending south as far as the south of England. Type doubtful; a development of XIII, with light E. to N wind over the British Isles. Isothermal on up trace; lower limit uncertain, to 0·8 km., Temp. 283 a. Inversion on down trace from 0·9 km. to 1·15 km., Temps. 279 a. to 280 a. Inversion (both traces) mean 1·33 km. to 1·46 km., Temps. 280 a. to 281 a. In the upper part of the ascent in the stratosphere the two traces differ by 7 a. or 8 a. and a sudden rise of temperature at constant pressure is shown on the down trace at the top. The latter was ignored and in the stratosphere a bias was made towards the readings of the colder (down) trace. Below 1 km. the warmer trace has been employed entirely as the record suggested somewhat different surface conditions as between the start and fall.
567.	Aug. 20th.	8.00 ,,	Weather overcast, some rain and mist. Clouds, 8/10 Nb. and 2/10 St.-St. estimated at 500 m. Pressure distribution; high over Jan Mayen region and Spain, low over Finland, N Italy and west of Ireland. A small high in the North Sea, and apparently small secondaries moving across S England. Very slight gradients over most of Europe. No noteworthy inversions. Type doubtful. Pointer failed to record in certain parts of the record.
569.	Aug. 22nd.	7.00 ,,	Weather, cloudy after slight showers. Clouds, Cu. 6/10 Cirrus noted at 8 h. 45 m. moving from South by east. Pressure distribution; rather deep low centred over the Channel Isles, decreasing in intensity. Low pressure from Iceland to Russia, distant highs over Arctic and Azores. Type XV, developing soon into XIII. A slight inversion was indicated on the down trace at 2·66 km., Temp. cir. 272 a. A marked rise in temperature occurred at the highest point on the down (colder) trace apparently due to insolation. The rise was ignored and the most probable value of the temperature given for the highest point.

* *See* Notes.

SOUNDINGS WITH REGISTERING BALLOONS, 1925.

Sealand: Lat. 53° 14′ N; Long. 3° 00′ W. Kew: Lat. 51° 28′ N.; Long. 0° 19′ W.

491. T = Temperature in Degrees absolute above 200*a*. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No. of Ascent. Date. Station.	570. Sept. 17. Sealand.	571. Oct. 15. Sealand.	572. Oct. 23. Kew.	573. Nov. 7. Kew.	575. Nov. 12. Kew.	576, 577, 578 Dec. 14.* Sealand.	580. Dec 16. Sealand.	581. Dec. 17. Sealand.	583. Dec. 19. Sealand.	584. Dec. 22. Kew.	585. Dec, 23. Sealand.
Start G.M.T.	7 h. 55 m.	17 h. 35 m.	10 h. 55 m.	11 h. 50 m.	16 h. 50 m.	16 h. 15 m.	17 h. 05 m.	8 h. 40 m.	8 h. 20 m.	12 h. 13 m.	12 h. 55 m.
H_t = Greatest Height ... (km.)	17·65	6·11	18·97	7·57	8·63	20·46	17·45	17·68	13·94	13·62	12·56
T_t = Corresponding Temperature (a)	221	245	223	232	227	208	206	215	212	216	214
P_t = Corresponding Pressure (mb.)	81	459	62	360	318	46	75	75	132	138	157
Place of Fall	Campsall, Doncaster, Yorks, W.R.	Flecknoe, Rugby, Warwickshire.	Shalford, Braintree, Essex.	North Ockenham, Essex.	Wokingham Berks.	Undy, Monmouthshire.	Down Hatherley, Glos.	Rowington, Nr. Warwick.	Ranaskill, Doncaster, Yorks, W.R.	Little Maplestead, Halstead, Essex.	Burbage, Buxton, Derbyshire.
Distance ... ... (km.)	128	159	80	43	40	185*	157	133	133	87	71
Bearing. Degrees from N. ...	69	132	45	78	262	176*	160	139	82	50	87
Geostrophic Wind— Speed ... ... (m/s.)	5		15	9	12	13	9	14	3	18	9
Degrees from N.	180	Indeterminate	220	265	60	360	315	280	115	40	235
Wind (Anemograph)— Speed ... ... (m/s.)	2	4	7	4	7	4	7	9	2	4	2
Degrees from N.	135	225	200	250	45	315	270	270	135	20	160
Humidity at surface ... ... (%)	98	81	84	76	70	84	90	83	92	95	72
Type of Tropopause	I.	?	I.	?	?	I.	I.	I.	I.	I.	I.
H_c = Height of ,, ... (km.)	10·94	—	9·07	7·57	—	10·59	11·41	11·21	10·83	10·65	7·93
T_c = Temp. at ,, ... (a.)	217	—	221	232	—	217	205	207	209	216	213
P_c = Pressure at ,, ... (mb.)	229	—	285	360	—	225	203	214	218	221	330
Mean Temp. in Stratosphere (H_c +2) to (H_c +5) (a.)	222	—	227	—	—	215	208	212	—	—	214
(H_c +5) to (H_c +8) (a.)	—	—	224	—	—	210	—	—	—	—	—
(H_c +8) to (H_c +11) (a.)	—	—	—	—	—	—	—	—	—	—	—
T_m (Mean Temp. 1 to 9 km.) (a.)	257	—	250	—	—	241	248	252	248	250	237
P_s (Pressure at M.S.L.) ... (mb.)	1012	1018	976	983	1029	1018	1027	1024	1000	974	1003

492.

NOTES.

No. of Ascent. Date. Time.

570. Sept. 17th. 7.55 G.M.T. Weather overcast, misty. Clouds, A-Cu. 10/10 moving from SW, height estimated about 3700 m. Pressure distribution; very extensive high Azores—Central Europe and a smaller one centred over northern Norway. Low over Iceland and secondaries around the British Isles—a rather vigorous low off SW Iceland, moving SE and decreasing in intensity. Transient tongue of high over Great Britain. Type Va., or IVa. becoming Va. Small inversion near surface, inversion from 2·53 km. to 2·85 km., Temps. 269·5 a. to 270·5 a. Inversion 4·49 km. to 4·72 km., Temps. 261·5 a. to 262 a. The two traces differed by about 12 a. a little below the highest point, and the balloon apparently floated for some time. A rise of about 17 a. took place when the balloon began to fall, which was ignored. In the upper part of the stratosphere a weighted mean of the two records was used, with a considerable bias towards the colder trace.

571. Oct. 15th. 17.35 ,, Weather overcast, raining. Clouds, Nb. 10, estimated height 800 metres, from W by S. Pressure distribution; high centred over France, also over Iceland—lows west of Ireland (not deep) and over Finland. Slight ridge of high over Britain, with a secondary in the Irish Sea region. Type IVa. Inversion 1·46 km. to 1·69 km., Temp. 269·5 a. to 271 a. Inversion, 249 a. to 250 a., at a mean height of 5·35 km.

572. Oct. 23rd. 10.55 ,, Weather cloudy. Clouds, Cu-St. and St. 7/10, and Ci. 1/10. Lower Cloud moving from SW; cirrus moving very slowly indeed, probably from SW. Pressure distribution; large and deep low (less than 964 mb.) centred over Scotland—a secondary having merged into it—moving during the previous night from the Bristol Channel to E Scotland. Type XV. No inversions noted. The two traces were followed to an unusually high pressure. At 0·5 km. the up and down traces give 282° a. and 280·5° a. respectively. The lapse rate of 11 a. disappears if the up trace be employed.

573. Nov. 7th. 11.50 ,, Weather fair. Clouds, Cu-St. 4/10 from West, Ci. 4/10 from W by S. Pressure distribution; elongated east and west Atlantic low with a secondary centred over the Welsh Coast. Type III (or XV). Isothermal layer from 4·27 km. to 4·47 km., Temp. 255. Also a very slight inversion on the down trace only; about 275·5 a. at 1·09 km. to 1·12 km. The lapse rate of 12 a. between G. L. and 0·5 km. was based on the mean temperature at 0·5 km. (281 a. up, 279 a. down), and the temperature in the screen. If the up trace be taken (281 a.) the lapse rate is reduced to 10 a.

575. Nov. 12th. 16.50 ,, Weather fine and cloudless, hazy. Pressure distribution; long anticyclonic tongue from E Baltic over Britain, deep Icelandic low, and a smaller low approaching SW Ireland. Type VI. Isothermal layers—1·95 km. to 2·28 km., Temp. 263·5 a., 2·85 km. to 3·18 km., Temp. 261·5a., and a smaller layer, 4·18 km. to 4·36., Temp. 254·5 a. Both traces clear and good and could be followed almost to the surface.

(576, 577, 578) Dec. 14th. 16.14 ,, Weather cloudy; Cloud, Cu.-St. 8/10 at estimated height of 800 m. moving from NW. Pressure distribution; North Atlantic anticyclone with a subsidiary over Scandinavia; Baltic and Central European lows. Type X (becoming I). Small isothermal layer 4·5 km. to 4·8 km., Temp. 241 a. Another less well defined, about 7·8 km. to 8·3 km., Temp. 225·5 a. Three soundings were made on this occasion at 16·14, 16·15 and 16·16. Up to 16 kms. the means of the three have been employed, above 16 kms. and for place of fall and greatest height that at 16·16 only. The standard deviation between individual readings at definite heights and the corresponding means amounts to 0·6 mb. in the case of pressure and 0·7 a. in the case of temperature.

580. Dec. 16th. 17.05 ,, Weather overcast; Clouds, Cu-St. estimated at 800 m. moving from NW. Pressure distribution; anticyclone from Germany to SW Ireland. Low in Norwegian Sea and secondaries to the south. A small low in the Southern North Sea. Type II. Isothermal on one trace (probably the down) at or near the surface to 0·5 km., Temp. 273 a. Marked inversion from 1·45 km. to 1·55 km., Temps. 267 a. to 270·5 a. Two Isothermal layers, or slight inversions, shown on both traces but not quite at same level; mean heights 3·0 km., Temps. 262 a. and 4·2 km., Temp. 256 a. The lapse rate of 11 between G. L. and 0·5 km. was based on the mean temperature at 0·5 km. and the temperature in the Stevenson screen.

581. Dec. 17th. 8.40 ,, Weather overcast, Clouds, Cu-St. 10/10 at 900 metres from NW by W. Pressure distribution; anticyclonic over France and Austria with a long tongue extending NW; high over Iceland and a col between the two. Low over Scandinavia and western Atlantic. Type I. Slight inversions, on the warmer trace 2·3 km. to 2·4 km., Temps. 270 a. to 270·5 a., and on the colder trace, 3·1 km. to 3·3 km., Temps. 264 a. to 264·5 a. Bad trace.

583. Dec. 19th. 8.20 ,, Weather overcast, Clouds, low Cu-St. 3/10. High Cu-St. 7/10, latter moving from W.SW. at about 2000 metres. Pressure distribution; high over S. Italy and N. Iceland; lows over Atlantic SW. of Ireland, and over Baltic region. Col over England. Type doubtful, perhaps XIV. Trace of an inversion on the up trace from surface to 0·2 km., Temps. 275 a. to 277 a. Inversion on the down trace only, 2·9 km. to 3·1 km., Temps. 257·5 a. to 259 a. Faint trace. Up trace not visible over large parts of the record. Mean read or estimated in troposphere. Down trace only employed from the tropopause upwards.

584. Dec. 22nd. 12.13 ,, Weather overcast, raining; hazy. Clouds, low St. 10/10. Pressure distribution; vigorous low in western Channel moving east. Low north of Shetland.. Type XIV. No noteworthy inversions or other features. The pointer did not record continuously and the balloon seems to have reached a greater height than is indicated on the record.

585. Dec. 23rd. 12.55 ,, Weather, fine; Clouds, Ci. 1/10, moving from NW by N. Pressure distribution; low NE of the Shetlands and over the Baltic. Small secondary to NW of Ireland, crossing England in next 18 hours. Type XIV (becoming I). Isothermal layer on up trace, 0·6 km. to 0·8 km., Temp. 272 a. (partly observable at the same level on down trace, 270 a.). Record visible almost from the start and to the fall.

* *See* Notes.

T = Temperature in Degrees Absolute. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No.	526.	527.	528.	529.	531.	532.	534.	536.	537.	539.	541.	542.
Date. Station.	Jan. 15. Sealand.	Jan. 16. Kew.	Jan. 17. Sealand.	Jan. 24. Sealand.	Feb. 2. Sealand.	Feb. 11. Sealand.	Feb. 13. Kew.	Mar. 17. Sealand.	Mar. 19. Sealand.	Mar. 21. Sealand.	Apr. 14. Sealand.	Apr. 15. Sealand.
Start (G.M.T.)	17h. 14m	12h. 17m.	12h. 55m.	8h. 30m.	8h. 05m.	13h. 29m.	16h. 58m.	17h. 40m.	7h. 25m.	8h. 00m.	17h. 50m.	7h. 50m.

493. HEIGHTS AND TEMPERATURES CORRESPONDING WITH ISOBARIC SURFACES. **1925.**

Pressure.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.
Millibars.	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	k.m.	a. 200 +	km.	a. 200 +	km.	a. 200 +
100	...	...	...	...	16·25	17	16·32	22	...	...	...	...	...	...	16·10	13	16·30	23	15·83	23	...	...	...	...
200	11·75	14	...	...	11·86	14	11·80	20	...	...	11·27	17	...	...	11·76	9	11·83	19	11·27	27	...	...	11·54	27
300	9·15	25	...	...	9·26	26	9·18	27	8·77	19	8·74	19	...	...	9·22	24	9·22	27	8·61	22	9·05	25	8·83	27
400	7·22	35	...	...	7·29	41	7·20	41	6·88	33	6·83	34	...	...	7·28	40	7·26	39	6·74	23	7·10	41	6·89	36
500	5·64	49	5·72	51	5·69	51	5·59	52	5·31	46	5·26	47	...	...	5·68	52	5·66	51	5·25	32	5·49	54	5·30	47
600	4·29	59	4·38	61	4·32	61	4·23	57	3·97	57	3·92	57	3·88	55	4·31	61	4·29	59	3·99	42	4·10	63	3·96	54
700	3·10	68	3·18	69	3·12	69	3·05	63	2·79	66	2·75	65	2·72	63	3·11	69	3·10	67	2·88	51	2·91	68	2·80	58
800	2·04	72	2·12	75	2·06	75	2·01	69	1·73	73	1·70	71	1·67	69	2·05	69	2·04	71	1·88	59	1·85	73	1·78	65
900	1·10	74	1·16	79	1·11	78	1·07	75	0·78	77	0·77	—	0·74	...	1·12	73	1·11	72	0·98	65	0·90	76	0·85	72
1000	0·25	—	0·30	—	0·24	—	0·21	—	...	...	...	...	...	...	0·26	...	0·26	...	0·15	...	0·05	...	0·00	81

494. PRESSURES AND TEMPERATURES AT GIVEN HEIGHTS. **1925.**

Heights.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.
Kilometres	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	63	13	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	74	13	...	...	...	...	...	...	...	...
17	...	...	...	...	89	18	...	...	...	...	...	...	...	...	87	12	...	...	...	...	...	...	...	...
16	...	...	...	...	104	17	105	23	...	...	...	...	...	...	102	13	105	22	97	23	...	...	...	...
15	...	...	...	...	122	17	122	24	...	...	...	...	...	...	119	14	122	21	113	23	...	...	...	...
14	...	...	...	...	143	17	142	21	...	...	131	19	...	...	140	15	143	21	133	23	...	...	...	...
13	164	17	...		167	17	166	22	...	...	152	18	...	...	164	15	167	21	155	25	...	...	...	...
12	192	15	...	...	196	15	194	21	...	...	178	19	...	...	193	11	195	20	179	27	...	...	187	27
11	225	16	...	...	229	16	227	18	...	...	209	15	...	...	227	11	229	16	209	27	...	...	217	27
10	263	20	...	...	268	21	265	23	...	...	264	11	...	...	266	17	267	21	243	25	259	19	252	31
9	307	25	...	...	312	29	308	27	289	16	288	17	...	...	310	26	310	29	282	23	303	25	292	27
8	357	30	...	...	361	35	357	37	339	24	337	25	...	...	360	33	359	35	329	22	351	33	339	29
7	413	37	419	43	417	43	411	43	393	31	391	33	...	...	417	42	415	41	384	23	406	42	394	35
6	475	46	481	49	479	49	473	50	454	40	451	41	...	...	479	50	477	48	447	26	466	50	454	44
5	545	53	552	55	548	56	541	55	521	49	518	49	...	...	548	57	546	55	519	34	533	57	521	49
4	623	61	630	63	625	63	618	59	597	57	594	57	591	53	624	64	623	62	600	42	609	63	597	54
3	709	69	716	69	711	70	705	63	681	65	677	63	675	61	710	71	709	68	688	50	692	68	681	58
2·5	755	71	763	73	757	73	752	66	725	68	722	67	720	65	756	71	755	71	736	55	737	70	728	60
2	804	72	812	75	806	75	801	69	773	71	769	69	767	67	805	69	804	71	787	58	785	73	777	63
1·5	856	73	864	77	857	77	853	73	823	74	820	71	818	70	857	71	857	69	841	61	836	74	829	67
1	911	74	919	81	912	79	908	75	876	76	873	...	870	73	913	75	912	73	897	65	889	76	883	71
0·5	970	77	976	79	969	81	966	79	932	77	930	...	927	...	971	78	971	77	956	69*	946	77	940	75*
G.L....	1031	77	1037	81	1029	85	1027	78	990	78	988	79	985	79	1032	80	1032	79	1018	75	1005	81	1000	81

Note.—The temperatures are derived from the original tabulations which are generally made to the nearest half-degree and are shown to the nearest whole degree.

495. LAPSE RATE OF TEMPERATURE BETWEEN GIVEN HEIGHTS. **1925.**

Degrees absolute per kilometre.

Kilometres	526.	527.	528.	529.	531.	532.	534.	536.	537.	539.	541.	542.
20 to 21	...	...	...	...	...	...	...	...	...	...	...	...
19 to 20	...	...	...	...	...	...	...	...	...	...	...	...
18 to 19	...	...	...	...	...	...	...	0	...	...	...	...
17 to 18	...	...	...	...	...	...	...	−1	...	...	...	...
16 to 17	...	...	−1	...	...	...	...	1	...	...	...	...
15 to 16	...	...	1	1	...	...	...	1	−1	−1	...	...
14 to 15	...	...	1	−3	...	...	...	1	−1	1	...	...
13 to 14	...	...	−1	1	...	−1	...	0	1	3	...	...
12 to 13	−1	...	−3	−1	...	1	...	−3	−1	1	...	...
11 to 12	1	...	1	−3	...	−3	...	−1	−4	−1	...	1
10 to 11	4	...	5	5	...	−5	...	7	5	−1	...	3
9 to 10	5	...	7	5	...	6	...	9	7	−2	5	−4
8 to 9	5	...	7	9	8	9	...	7	5	−1	8	3
7 to 8	7	...	7	8	7	8	...	9	7	1	9	6
6 to 7	9	7	5	7	9	9	...	8	7	3	8	9
5 to 6	7	5	7	5	9	7	...	7	7	8	7	5
4 to 5	7	9	7	5	9	8	...	7	7	8	7	5
3 to 4	7	5	7	3	7	6	7	7	6	8	5	4
2·5 to 3	4	7	5	7	7	8	7	2	5	9	4	4
2 to 2·5	3	5	5	7	6	6	5	−5	1	7	5	7
1·5 to 2	1	5	4	7	6	3	6	3	−4	6	4	7
1 to 1·5	3	6	4	4	4	?	5	8	8	7	3	7
0·5 to 1	7	−2	3	8	3	?	} 6	7	8	9	3	10
Gd. to 0·5	−1	2	9	−2	1	?		4	5	11*	8	12? *

Note.—The lapse rates are derived from the original tabulations which are generally made to the nearest half-degree. * See table 492.

*W

T = Temperature in Degrees Absolute. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No.	543.	544.	545.	546.	547.	548.	549.	550.	551.	552.	553.
Date. Station.	Apr. 15. Sealand.	Apr. 16. Sealand.	Apr. 16. Kew.	Apr. 21. Kew.	May 13. Sealand.	May 14. Sealand.	May 15. Sealand.	June 17. Sealand.	June 18. Sealand.	June 19. Sealand.	June 27. Sealand.
Start. (G.M.T.)	17h. 55m.	17h. 59m.	18h. 00m.	15h. 34m.	17h. 50m.	7h. 43m.	7h. 55m.	13h. 16m.	18h. 30m.	17h. 45m.	16h. 30m.

493. HEIGHTS AND TEMPERATURES CORRESPONDING WITH ISOBARIC SURFACES—*continued.* **1925.**

Pressure.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.
Millibars.	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +
100	...	...	...	...	...	...	...	...	...	...	16·36	23	16·31	23	...	...	16·16	17	...	...	16·40	23
200	11·69	33	11·58	24	...	...	11·75	19	11·82	11	11·88	16	11·84	17	...	...	11·81	9	11·90	21	11·96	15
300	8·91	39	8·92	28	...	...	9·18	22	9·22	29	9·28	29	9·24	27	...	...	9·23	25	9·26	29	9·31	32
400	6·89	41	6·98	36	7·00	36	7·24	38	7·25	41	7·29	43	7·25	43	...	...	7·26	42	7·27	43	7·31	47
500	5·30	43	5·40	47	5·42	48	5·64	52	5·65	53	5·67	55	5·63	53	...	...	5·65	53	5·66	53	5·65	59
600	3·99	53	4·05	54	4·07	57	4·26	62	4·26	62	4·28	64	4·25	63	...	...	4·27	63	4·28	63	4·26	66
700	2·82	63	2·89	63	2·90	64	3·06	69	3·06	71	3·07	70	3·05	69	...	...	3·06	72	3·08	70	3·05	72
800	1·78	69	1·85	69	1·85	69	1·99	75	2·00	76	2·01	75	1·98	75	2·00	79	1·99	72	2·01	77	1·99	75
900	0·85	76	0·91	74	0·92	75	1·04	77	1·04	79	1·06	77	1·02	82	1·05	75	1·05	77	1·05	81	1·04	77
1000	...	...	0·06	...	0·06	...	0·18	...	0·18	...	0·20	...	0·15	...	0·18	83	0·18	83	0·17	...	0·17	...

494. PRESSURES AND TEMPERATURES AT GIVEN HEIGHTS—*continued.* **1925.**

Heights.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.
Kilometres.	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	55	21	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	64	19	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	75	18	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	87	17	...	...	91	25
16	...	...	...	...	...	...	...	...	...	...	106	23	105	23	...	...	103	17	...	...	107	22
15	...	...	...	...	...	...	...	...	121	19	123	22	123	21	...	...	120	16	...	...	124	22
14	...	...	138	25	...	...	...	...	141	19	143	22	143	21	...	...	140	17	...	...	145	21
13	...	...	161	24	...	...	...	...	166	18	168	21	167	20	...	...	165	15	169	23	170	20
12	191	31	187	24	...	...	192	20	194	11	197	17	195	17	...	...	193	10	197	22	199	15
11	221	34	219	23	...	...	225	13	228	14	229	17	229	15	...	...	228	12	230	20	232	21
10	256	35	255	23	...	...	264	17	267	21	269	23	267	22	...	...	266	20	269	23	271	27
9	296	37	297	28	...	...	308	23	311	30	313	31	311	29	...	...	310	27	312	31	315	35
8	341	41	345	30	...	...	358	31	359	37	362	38	360	37	...	...	359	36	361	39	363	42
7	393	40	399	36	400	36	414	40	415	42	417	45	415	46	...	...	415	44	416	45	417	49
6	453	42	460	43	462	43	475	49	477	49	478	52	476	51	...	...	476	51	477	51	478	57
5	521	45	528	51	530	51	544	56	545	57	546	60	544	59	...	...	545	59	546	58	546	63
4	599	53	604	55	606	57	620	63	620	64	621	65	620	65	...	...	620	65	622	64	620	68
3	684	61	690	62	691	63	705	69	706	72	707	71	705	69	...	...	706	73	707	71	705	73
2·5	729	65	736	65	736	67	751	71	751	73	752	73	750	75	752	78	751	73	752	73	750	73
2	777	68	784	68	785	69	799	75	800	76	801	75	798	75	800	79	799	72	800	77	799	75
1·5	829	71	836	71	836	71	850	77	850	76	852	75	849	79	851	79	850	73	851	80	849	75
1	882	75	890	73	890	74	905	77	905	79	907	78	903	82	905	75	905	77	905	81	904	77
0·5	939	...	947	77	947	...	962	81*	962	83	964	81	959	...	961	79*	962	80*	961	83	960	82
G.L. ...	998	79	1007	81	1006	82	1021	87	1021	87	1023	85	1018	83	1021	87	1021	87	1020	87	1019	87

Note.—The temperatures are derived from the original tabulations which are generally made to the nearest half-degree and are shown to the nearest whole degree.

495. LAPSE RATE OF TEMPERATURE BETWEEN GIVEN HEIGHTS—*continued.* **1925.**

Degrees absolute per kilometre.

Kilometres.	543	544	545	546	547	548	549	550	551	552	553
20 to 21	...	...	...	...	...	...	...	...	...	...	...
19 to 20	...	...	...	...	...	...	...	...	−2	...	...
18 to 19	...	...	...	...	...	...	...	...	−1	...	...
17 to 18	...	...	...	...	...	...	...	...	−1	...	...
16 to 17	...	...	...	...	...	...	...	...	−1	...	...
15 to 16	...	...	...	...	...	−1	...	...	−1	...	−3
14 to 15	...	...	...	...	...	−1	−1	...	−1	...	0
13 to 14	...	...	...	...	0	0	0	...	1	...	−1
12 to 13	...	−1	...	...	−1	−1	−1	...	−1	...	−1
11 to 12	3	0	...	...	−7	−4	−3	...	−5	−1	−5
10 to 11	1	−1	...	−7	3	0	−2	...	2	−2	6
9 to 10	2	1	...	4	7	7	7	...	8	3	7
8 to 9	3	5	...	7	9	7	7	...	7	8	7
7 to 8	−1	2	...	8	7	7	8	...	9	7	7
6 to 7	2	6	...	9	5	7	9	...	8	6	7
5 to 6	3	7	7	9	7	7	5	...	7	6	7
4 to 5	9	7	7	7	8	8	7	...	9	7	6
3 to 4	7	5	7	7	7	5	6	...	6	6	5
2·5 to 3	7	7	6	5	8	5	5	...	7	7	5
2 to 2·5	7	6	7	6	1	5	10	...	2	6	1
1·5 to 2	5	6	3	7	7	3	1	1	−3	6	5
1 to 1·5	8	5	5	4	0	2	7	2	3	7	−2
0·5 to 1	5	5	6	0	7	5	7	−8	8	2	6
Gd. to 0·5		7	7	7	7	5	2	8	6	3	9
		9	8	12*	7	8		10? *	14? *	9	9

Note.—The lapse rates are derived from the original tabulations which are generally made to the nearest half-degree. * *See* table 492.

T = Temperature in Degrees Absolute. *P* = Pressure in millibars. *H* = Height in kilometres above M.S.L.

No.	554.	556.	557.	558.	560.	562.	563.	564.	566.	567.	569.
Date. Station.	July 14. Kew.	July 18. Kew.	Aug. 14. Sealand.	Aug. 14. Sealand.	Aug. 15. Sealand.	Aug. 15. Kew.	Aug. 16. Kew.	Aug. 17. Sealand.	Aug. 19. Kew.	Aug. 20. Sealand.	Aug. 22. Kew.
Start (G.M.T.)	17h. 48m.	11h. 49m.	7h. 50m.	13h. 03m.	7h. 55m.	18h. 00m.	7h. 00m.	8h. 00m.	7h. 10m.	8h. 00m.	7h. 00m.

493. HEIGHTS AND TEMPERATURES CORRESPONDING WITH ISOBARIC SURFACES—*continued.* **1925.**

Pressure.	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*
Millibars.	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +
100	16·43	21	...	...	16·67	25	16·61	23	16·57	19	16·51	19	16·54	21	16·76	28	...	...	16·45	25	...	...
200	11·97	15	11·98	23	12·11	25	12·10	23	12·20	13	12·15	13	12·16	14	12·20	21	11·94	29	11·85	27	11·77	31
300	9·36	28	9·29	35	9·43	31	9·44	31	9·55	34	9·51	33	9·51	35	9·49	36	9·25	31	9·19	29	9·03	29
400	7·37	44	7·26	47	7·41	48	7·44	47	7·51	51	7·48	49	7·49	49	7·46	49	7·25	45	7·21	43	7·08	39
500	5·74	55	5·61	60	5·77	58	5·79	59	5·83	63	5·81	61	5·82	61	5·79	62	5·61	57	5·59	55	5·47	53
600	4·35	66	4·20	68	4·36	69	4·38	69	4·41	71	4·39	71	4·41	70	4·37	71	4·22	66	4·20	64	4·10	63
700	3·13	75	2·98	73	3·13	74	3·15	75	3·17	76	3·15	77	3·17	77	3·14	77	3·01	73	3·00	71	2·91	71
800	2·05	82	1·90	79	2·06	79	2·07	78	2·09	81	2·07	80	2·07	83	2·05	84	1·93	79	1·93	77	1·84	76
900	1·07	89	0·94	83	1·09	83	1·11	83	1·12	83	1·11	81	1·10	83	1·06	87	0·96	81	0·97	83	0·88	82
1000	0·17	...	0·05	...	0·21	...	0·23	...	0·25	...	0·23	89	0·22	...	0·18	...	0·09	—	0·09	...	0·00	87

494. PRESSURES AND TEMPERATURES AT GIVEN HEIGHTS—*continued.* **1925.**

Heights.	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*
Kilometres.	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +
21	...	...	...	...	52*	29*	...	...	...	...	50	24	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	60	27	...	...	...	...	58	23	...	...	...	...	...	...	59	28	...	...
19	67	23	...	...	70	27	...	...	69	22	68	22	...	...	...	...	...	...	68	27	...	...
18	78	22	...	...	82	25	81	24	80	21	79	19	80	22	83	31	...	...	79	26	...	...
17	91	22	...	...	95	25	94	23	93	19	93	19	93	21	97	29	...	...	92	25	...	...
16	107	21	109	29	111	25	110	22	109	19	109	17	109	20	113	27	...	...	107	25	...	...
15	125	20	127	25	129	25	128	21	128	17	127	16	127	18	131	26	...	...	125	27	123	28
14	145	21	147	25	150	25	149	21	149	15	149	16	149	16	152	25	147	30	145	?	143	28
13	170	20	171	25	175	25	174	23	176	11	174	9	175	10	177	24	171	30	169	27	167	29
12	199	15	199	23	203	25	203	23	207	15	205	14	205	15	206	21	198	29	196	27	193	31
11	233	17	233	23	237	23	237	22	241	22	239	21	240	23	240	26	230	27	228	22	224	32
10	272	23	270	31	275	27	276	26	280	30	279	29	279	31	279	33	268	25	266	23	260	30
9	317	31	313	37	319	35	320	33	325	38	332	37	323	37	322	39	311	32	309	31	301	29
8	366	39	361	42	368	43	369	41	374	47	372	45	372	45	371	45	360	39	358	37	350	32
7	421	47	415	49	423	51	425	51	429	55	427	53	427	53	425	52	414	47	413	45	404	40
6	483	55	475	57	484	57	486	58	489	61	488	60	488	59	486	60	474	54	473	52	465	49
5	551	61	541	65	552	63	555	65	557	67	556	67	556	65	554	67	543	60	540	59	532	57
4	628	69	615	69	628	71	630	71	631	73	630	73	630	73	629	73	618	68	617	65	608	63
3	712	75	698	73	711	75	714	77	716	77	714	78	714	79	712	78	701	73	700	71	692	70
2·5	757	79	743	75	757	75	759	77	761	79	759	80	759	83	758	82	747	76	747	73	737	72
2	805	82	790	79	805	79	808	79	809	81	807	79	807	83	805	84	794	79	794	77	785	75
1·5	855	85	840	79	856	81	859	81	860	81	857	81	857	83	854	85	844	81	844	79	835	78
1	908	89	893	83	910	83	912	83	913	83	911	81	910	84	907	87	897	81	897	83	888	81
·5	963	93	948	88	967	85	969	86	970	85	968	87	966	87	963	85	952	83	952	—	943	85
G.L.......	1019	99	1005	93	1025	89	1026	91	1029	87	1026	91	1026	85	1021	87	1010	87	1011	87	1000	87

* At 22 km.; P=45 mb.; T=231a. *See* also Table 492.

Note.—The temperatures are derived from the original tabulations which are generally made to the nearest half-degree and are shown to the nearest whole degree.

495. LAPSE RATE OF TEMPERATURE BETWEEN GIVEN HEIGHTS—*continued.* **1925.**

Degrees absolute per kilometre.

Kilometres.	554.	556.	557.	558.	560.	562.	563.	564.	566.	567.	569.
20 to 21	...	...	—1*	...	...	—1	...	...	...	...	...
19 to 20	...	...	—1	...	...	—1	...	...	...	—1	...
18 to 19	—1	...	—1	...	—1	—3	...	...	...	—1	...
17 to 18	0	...	0	—1	—1	0	—1	—3	...	—1	...
16 to 17	—1	...	—1	—1	—1	—2	—1	—1	...	0	...
15 to 16	—1	—3	0	—1	—2	—1	—2	—1	...	1	...
14 to 15	1	—1	1	0	—1	0	—2	—1	...	?	0
13 to 14	—1	0	—1	1	—4	—7	—6	—1	0	?	1
12 to 13	—5	—2	1	—1	3	5	5	—3	—1	0	1
11 to 12	1	1	—3	—1	7	7	8	5	—3	—5	1
10 to 11	7	7	5	4	8	8	7	7	—1	1	—2
9 to 10	7	6	8	7	8	7	7	5	7	7	—1
8 to 9	9	5	8	8	9	9	7	6	7	7	3
7 to 8	8	7	7	9	7	7	8	7	7	7	8
6 to 7	7	8	6	7	7	7	7	8	7	7	9
5 to 6	7	7	7	9	6	7	6	7	6	7	7
4 to 5	7	4	7	5	5	7	7	6	8	7	7
3 to 4	7	4	4	5	3	5	5	5	5	5	7
2·5 to 3	6	6	2	2	6	4	8	8	6	5	4
2 to 2·5	7	6	6	2	2	—1	2	4	6	6	5
1·5 to 2	5	1	5	5	0	4	—2	3	4	6	7
1 to 1·5	9	8	3	5	5	0	3	4	0	6	7
0·5 to 1	9	10	2	5	5	10	5	—4	4	8	6
Gd. to 0·5	10	10	10	9	3	10	—3	3	9		6

*— 2a between 21 km. to 22 km.

Note.—The lapse rates are derived from the original tabulations which are generally made to the nearest half-degree.

T = Temperature in Degrees Absolute. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No.	570.	571.	572.	573.	575.	576, 577, 578.	580.	581.	583.	584.	585.
Date.	Sept. 17.	Oct. 15.	Oct. 23.	Nov. 7.	Nov. 12.	Dec. 14.	Dec. 16.	Dec. 17.	Dec. 19.	Dec. 22.	Dec. 23.
Station.	Sealand.	Sealand.	Kew.	Kew.	Kew.	Sealand.	Sealand.	Sealand.	Sealand.	Kew.	Sealand.
Start (G.M.T.)	7h. 55m.	17h. 35m.	10h. 55m.	11h. 50m.	16h. 50m.	16h. 15m.	17h. 05m.	8h. 40m.	8h. 20m.	12h. 13m.	12h. 55m.

493. HEIGHTS AND TEMPERATURES CORRESPONDING WITH ISOBARIC SURFACES—*continued.* **1925.**

Pressure.	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*
Millibars.	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +
100	16·29	21	...	...	15·98	25	...	...	...	...	15·69	11	15·72	8	15·89	11	...	...	...	...	...	...
200	11·80	20	...	...	11·40	27	...	...	...	...	11·33	17	11·50	6	11·61	9	11·36	10	11·27	15	11·04	15
300	9·18	29	...	...	8·73	22	...	...	...	...	8·73	23	8·99	19	9·09	21	8·81	23	8·70	21	8·51	13
400	7·19	44	...	...	6·80	36	6·85	37	7·08	36	6·83	31	7·09	34	7·16	37	6·88	37	6·77	37	6·71	22
500	5·56	56	5·50	49	5·22	50	5·27	49	5·51	47	5·30	39	5·52	46	5·58	49	5·30	47	5·18	51	5·22	35
600	4·17	63	4·15	57	3·86	59	3·92	57	4·16	55	4·02	45	4·18	56	4·22	60	3·96	55	3·82	60	3·93	47
700	2·97	70	2·97	64	2·67	67	2·74	67	3·01	61	2·90	53	3·01	62	3·03	66	2·80	59	2·63	67	2·80	56
800	1·91	73	1·93	70	1·62	73	1·68	73	1·99	63	1·89	61	1·98	68	1·98	71	1·77	66	1·57	73	1·78	65
900	0·96	79	1·00	73	0·67	80	0·73	79	1·07	69	0·97	67	1·05	69	1·05	74	0·85	72	0·63	77	0·86	71
1000	0·10	—	0·15	...	...	...	...	...	0·23	76	0·14	...	0·22	...	0·20	...	0·00	75	...	...	0·02	...

494. PRESSURES AND TEMPERATURES AT GIVEN HEIGHTS—*continued.* **1925.**

Heights.	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*
Kilometres.	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +	mb.	a. 200 +
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	50	8	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	58	8	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	73	23	...	...	...	...	69	9	...	...	...	...	...	...	...	...	...	...
17	90	21	...	...	85	23	...	...	...	...	81	9	81	6	84	11	...	...	...	...	...	...
16	105	21	...	...	100	25	...	...	...	...	95	11	95	7	98	11	...	...	...	...	...	...
15	123	21	...	...	116	25	...	...	...	...	112	12	113	9	115	12	...	...	...	...	...	...
14	143	21	...	...	135	26	...	...	...	...	131	15	133	9	135	13	...	...	...	...	...	...
13	167	23	...	...	157	27	...	...	...	...	154	17	156	9	159	10	153	13	152	16	...	...
12	194	21	...	...	183	27	...	...	...	...	180	17	184	7	188	7	180	11	178	15	172	14
11	227	17	...	...	213	27	...	...	...	...	211	16	217	6	221	8	212	9	209	16	201	15
10	265	23	...	...	247	26	...	...	...	...	247	17	256	12	260	15	249	15	245	17	237	12
9	308	31	...	...	288	21	...	...	...	...	289	21	299	19	305	22	291	22	287	19	278	13
8	356	38	...	...	335	26	...	...	349	31	336	25	349	27	354	30	339	29	333	27	326	13
7	410	45	...	...	389	35	391	35	405	36	391	29	405	35	410	38	393	35	387	35	382	19
6	471	53	466	46	449	43	452	43	467	43	453	35	467	42	472	45	453	42	446	43	445	27
5	538	60	535	51	516	51	519	51	536	51	523	41	537	50	541	53	521	49	512	51	516	37
4	614	65	611	59	589	58	594	57	614	55	602	45	615	57	618	61	596	55	586	59	595	46
3	698	70	697	64	671	65	677	65	701	61	690	53	701	62	703	67	681	59	668	65	681	54
2.5	743	69	743	67	715	68	721	69	748	63	738	57	748	65	749	69	728	61	712	67	728	58
2	791	72	793	69	762	71	768	71	798	63	789	62	798	68	798	71	777	65	758	71	777	63
1.5	842	75	844	69	812	74	818	74	851	66	841	65	850	71	850	72	828	67	808	73	830	67
1	896	79	900	73	864	77	871	77	908	69	897	67	906	69	905	74	882	71	860	75	885	70
0.5	953	81	958	—	919	81*	927	80*	967	73	956	71	965	74	963	—	940	74	916	77	942	71
G.L.	1012	81	1017	81	975	87	983	86	1028	78	1017	74	1026	79	1024	81	1000	75	973	78	1003	75

Note.—The temperatures are derived from the original tabulations which are generally made to the nearest half-degree and are shown to the nearest whole degree.

495. LAPSE RATE OF TEMPERATURE BETWEEN GIVEN HEIGHTS—*continued.* **1925.**

Degrees absolute per kilometre.

Kilometres	570.	571.	572.	573.	575.	576, 577, 578.	580.	581.	583.	584.	585.
20 to 21	...	...	...	...	...	...	...	...	...	...	...
19 to 20	...	...	...	...	...	0	...	...	...	...	...
18 to 19	...	...	0	...	...	1	...	...	...	...	...
17 to 18	...	...	1	...	...	1	...	...	...	...	...
16 to 17	0	...	1	...	...	1	1	0	...	...	...
15 to 16	0	...	—1	...	...	1	2	1	...	...	...
14 to 15	1	...	1	...	...	3	0	1	...	...	...
13 to 14	1	...	1	...	...	2	—1	—3	...	...	...
12 to 13	—1	...	1	...	...	1	—3	—3	—2	—1	...
11 to 12	—5	...	0	...	...	0	—1	1	—3	1	1
10 to 11	7	...	—1	...	...	1	6	7	6	1	—3
9 to 10	7	...	—5	...	...	4	7	7	7	1	1
8 to 9	7	...	5	...	...	4	8	8	7	9	0
7 to 8	7	...	9	...	5	4	7	8	7	9	7
6 to 7	7	...	9	8	7	5	7	7	7	7	9
5 to 6	7	5	9	8	7	5	8	8	7	9	9
4 to 5	5	7	7	6	5	5	7	8	6	7	9
3 to 4	5	5	7	8	6	8	5	5	4	7	8
2·5 to 3	—1	6	6	8	2	8	5	5	3	5	8
2 to 2·5	5	5	7	5	2	8	7	3	8	7	9
1·5 to 2	7	0	5	5	5	7	5	3	6	4	8
1 to 1·5	6	6	7	6	7	7	—2	4	7	4	7
0·5 to 1	6	} 9	7	6	8	6	10	} 7	6	4	3
Gd. to 0·5	0		11*	12*	9	7	11		2	2	7

Note.—The lapse rates are derived from the original tabulations which are generally made to the nearest half-degree. *See Table 492.

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